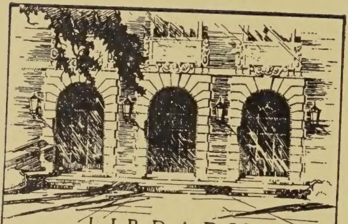

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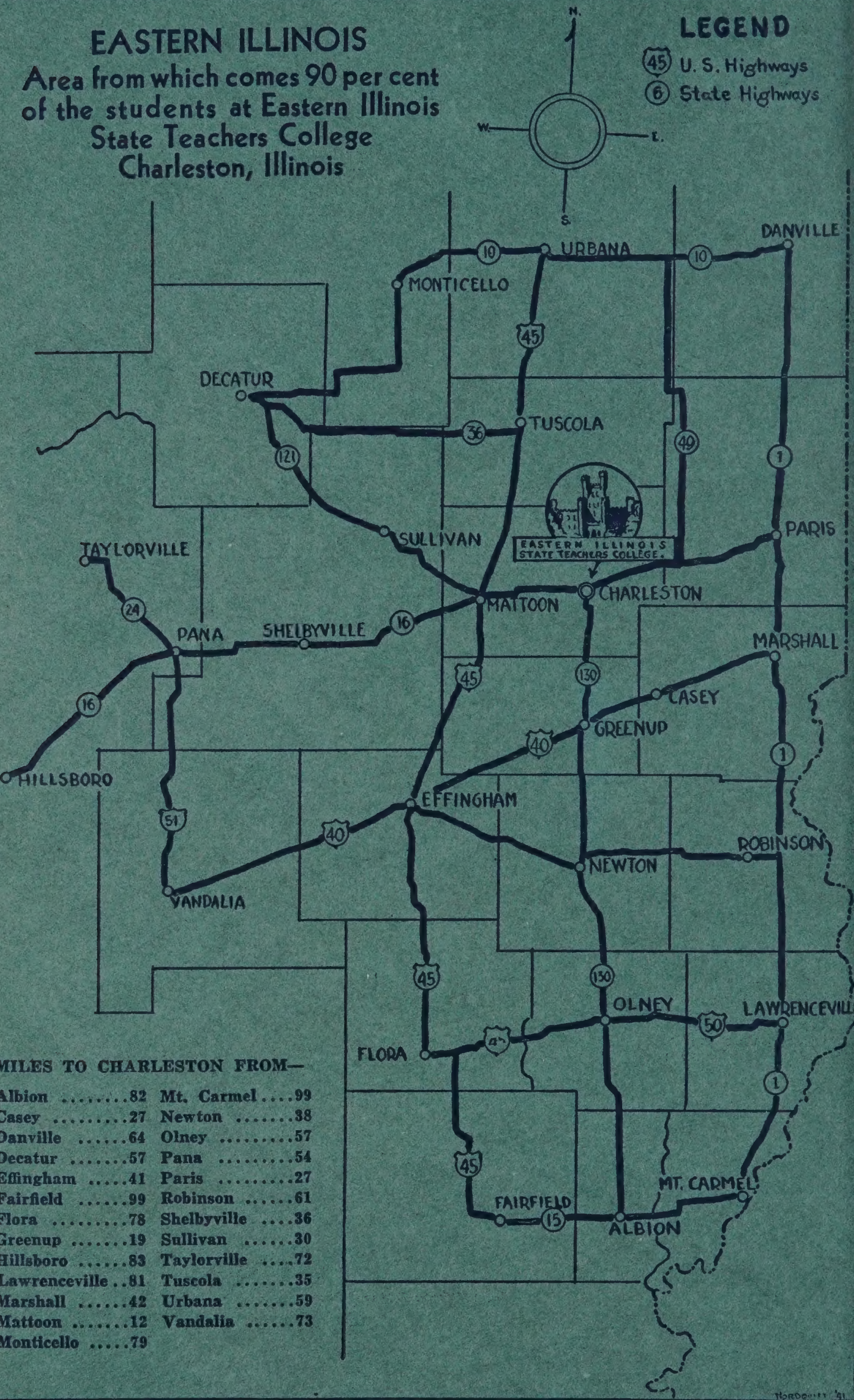
STATE OF ILLINOIS • DWIGHT H. GREEN, GOVERNOR

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

CHARLESTON

Announcements for 1941-42 Sessions

EASTERN ILLINOIS
Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois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S.
LEGEND
45 U. S. Highways
6 State Highways
DANVILLE
URBANA
MONTICELLO
10
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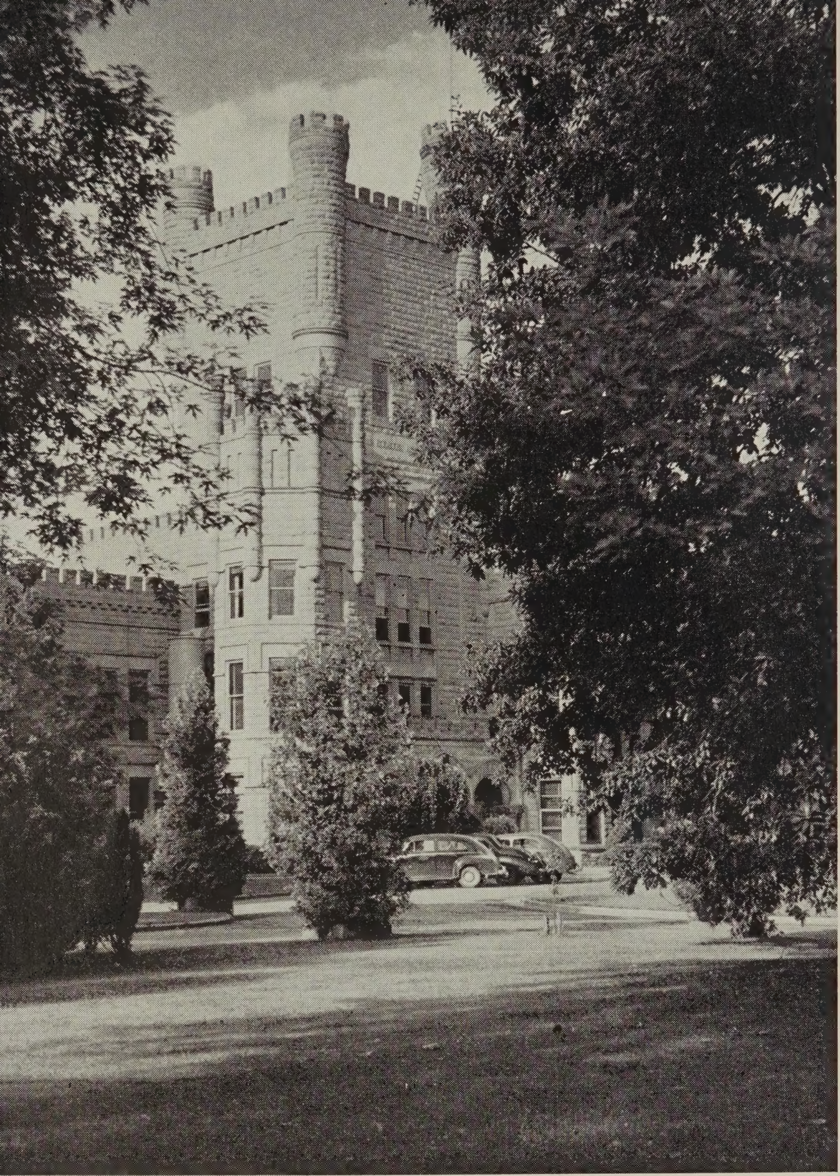
DECATUR
TUSCOLA
36
49
1
121
SULLIVAN
PARIS
EASTERN ILLINOIS STATE TEACHERS COLLEGE.
TAYLORVILLE
24
CHARLESTON
MATTOON
16
PANA
SHELBYVILLE
MARSHALL
130
CASEY
GREENUP
40
51
HILLSBORO
EFFINGHAM
ROBINSON
NEWTON
VANDALIA
OLNEY
50
LAWRENCEVILL
FLORA
MT. CARMEL
FAIRFIELD
15
ALBION
NORDQUIST '41

MILES TO CHARLESTON FROM—

Albion	82	Mt. Carmel	99
Casey	27	Newton	38
Danville	64	Olney	57
Decatur	57	Pana	54
Effingham	41	Paris	27
Fairfield	99	Robinson	61
Flora	78	Shelbyville	36
Greenup	19	Sullivan	30
Hillsboro	83	Taylorville	72
Lawrenceville	81	Tuscola	35
Marshall	42	Urbana	59
Mattoon	12	Vandalia	73
Monticello	79		



Main Building

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 154 April 1, 1941

42d YEAR

ACADEMIC RECORD 1940-41

ANNOUNCEMENTS FOR 1941-42

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the Eastern Illinois State Teachers College, Charleston, Illinois. Entered March 5, 1902, as second class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

(A-46434)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues
BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing
FRANK A. BEU, Dean of the College

Housing, N. Y. A., Student Employment, and Personal Problems
HOBART F. HELLER, Dean of Men
ELIZABETH K. LAWSON, Dean of Women

Pemberton Hall
MRS. ALICE N. COTTER, Director

Payment of Fees
RAYMOND R. GREGG, Business Manager

Teacher Placement
HARRY L. METTER, Director of Teacher-Training and Placement

Student Health
DR. SIDNEY B. GOFF, Director of Health Service

Textbook Library
HENRY J. ARNOLD, Manager

Extension Courses
BRYAN L. HEISE, Director of Extension

Public Relations and Alumni Affairs
ROY K. WILSON, Director of Public Relations and Alumni Secretary

Information Regarding Summer Session
BLANCHE C. THOMAS, Registrar, or
FRANK A. BEU, Dean

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TO THE UNKNOWN TEACHER

I sing the praise of the Unknown Teacher. Great generals win campaigns, but it is the Unknown Soldier who wins the war. Famous educators plan new systems of pedagogy, but it is the Unknown Teacher who delivers and guides the young. He lives in obscurity and contends with hardship. For him no trumpets blare, no chariots wait, no golden decorations are decreed. He keeps the watch along the borders of darkness, and makes the attack on the trenches of ignorance and folly. Patient in his duty, he strives to conquer the evil powers which are enemies of youth. He awakens sleeping spirits. He quickens the indolent, encourages the eager, and steadies the unstable. He communicates his own joy in learning, and shares with boys and girls the best treasures of his mind. He lights many candles, which, in later years, will shine back to cheer him. This is his reward.

Knowledge may be gained from books; but the love of knowledge is transmitted only by personal contact. No one has deserved better of the Republic than the Unknown Teacher. No one is more worthy to be enrolled in a democratic Aristocracy, "King of himself and servant of mankind."

HENRY VAN DYKE.

THE PLEDGE TO TEACH

Eastern Illinois State Teachers College is maintained by the State of Illinois as an institution for the training of teachers for the public schools of the State. There is no tuition charge for persons expecting to teach. Each student is obligated by the statements of the annual catalogue and by signature to a "Pledge to Teach," which is a part of the student's record on file with the College Registrar. This pledge is considered fully as binding as the signing of a promissory note. Annual report on teaching by the student and cancellation of obligation by the college are provided for on the permanent record card. This pledge reads:

"In consideration of free tuition in the Eastern Illinois State Teachers College, I pledge to teach in the public schools of Illinois for a period equal to that covered by my attendance at the Eastern Illinois State Teachers College; and I agree to report annually to the president of the college the number of months taught in Illinois until this pledge is fulfilled. If I do not teach the required time in the public schools of Illinois within five years after leaving college, I promise to pay to the Eastern Illinois State Teachers College at the end of that period tuition at the rate of $15.00 for each quarter (twelve weeks) of attendance for which I have not taught an equal time."

(Signed)..

1941

JULY

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1942

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THE COLLEGE CALENDAR, 1941-1942

Fall Quarter, 1941 (Twelve Weeks)

Monday, September 8	Freshman Registration, 8 a. m.
Monday, September 8 to Wednesday, September 10, inclusive	Freshman Orientation Program
Monday, September 8	Training Schools begin, 8 a. m.
Wednesday, September 10	Registration for other students, 8 a. m.
Thursday, September 11	College classes begin, 8 a. m.
Friday, October 10	Eastern Division, I. E. A. Meeting
Friday, October 17 Saturday, October 18	Twenty-seventh Annual Homecoming
November 10-14 inclusive	Pre-registration for upperclassmen
Wednesday, November 19	Thanksgiving recess begins close of day
Friday, November 28	Fall Quarter closes

Winter Quarter, 1941-42 (Twelve Weeks)

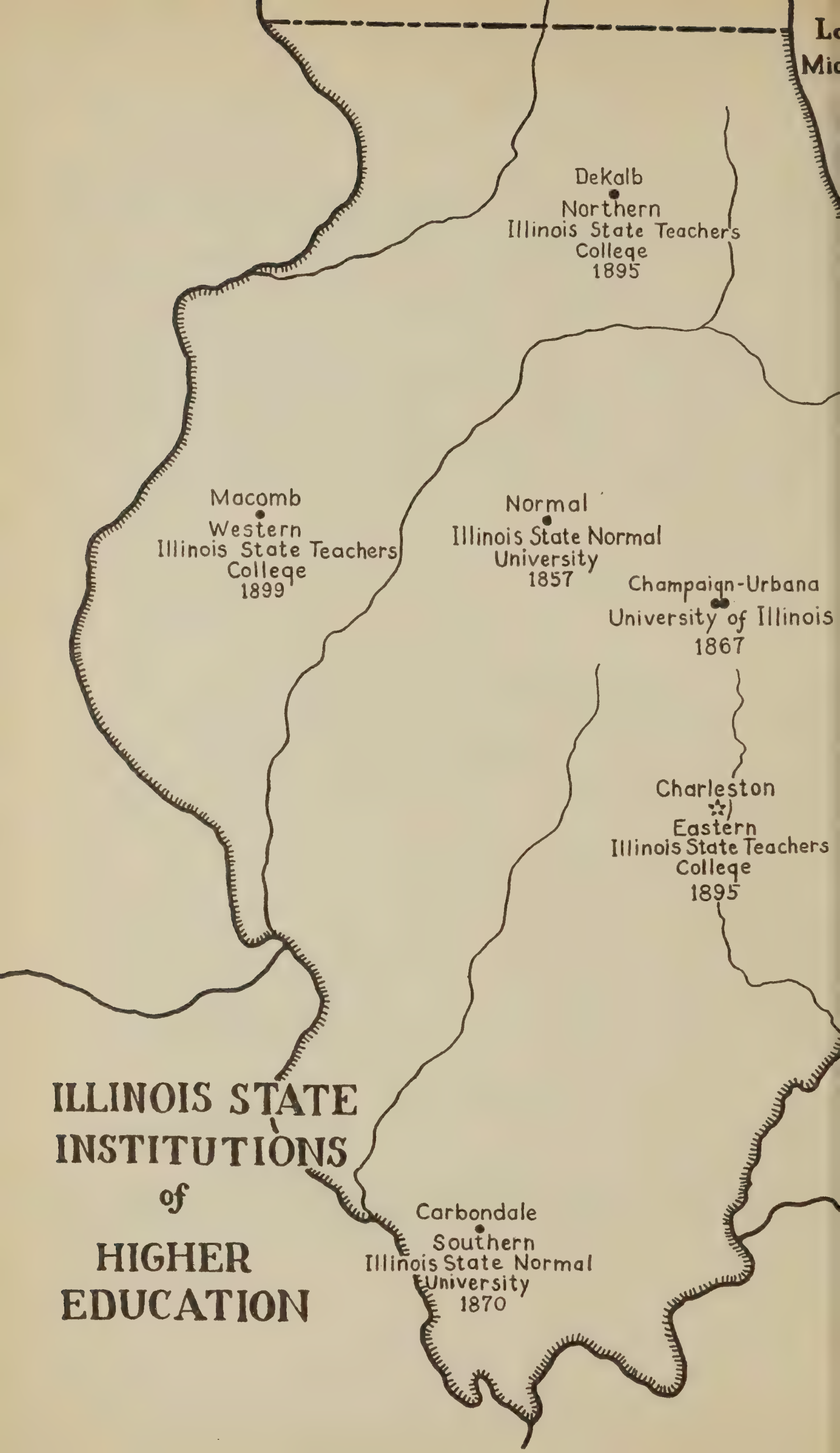
Monday, December 1	Registration for all students, 8 a. m.
Friday, December 19	Christmas recess begins close of school day
Monday, January 5	College classes resume, 8 a. m.
February 16-20 inclusive	Pre-registration for upperclassmen
Friday, March 6	Winter Quarter closes

Spring Quarter, 1942 (Twelve Weeks)

Monday, March 9	Registration for all students, 8 a. m.
Friday, April 3	Easter recess begins close of day
Monday. April 13	College classes resume, 8 a. m.
Sunday, May 31	Baccalaureate, 3 p. m.
Friday, June 5	Spring Quarter closes
Friday, June 5	Commencement, 3 p. m.

Summer Term, 1942 (Eight Weeks)

Monday, June 15	Registration, 8 a. m.
Friday, August 7	Summer Term closes



ILLINOIS STATE INSTITUTIONS of HIGHER EDUCATION

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DeKalb
Northern Illinois State Teachers College
1895
Macomb
Western Illinois State Teachers College
1899
Normal
Illinois State Normal University
1857
Champaign-Urbana
University of Illinois
1867
Charleston
Eastern Illinois State Teachers College
1895
Carbondale
Southern Illinois State Normal University
1870

DEPARTMENT OF REGISTRATION AND EDUCATION

THE NORMAL SCHOOL BOARD

★ ★

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

JOHN A. WIELAND
Superintendent of Public Instruction (Springfield)
Secretary

★ ★

APPOINTED MEMBERS

MISS HARRIETT A. MCINTIRE, Mendota	1937-1943
JOHN D. DILL, Carbondale	1937-1943
OTTO G. BEICH, Bloomington	1937-1943
JACOB E. ALSCHULER, Aurora	1939-1945
CHARLES E. MCMORRIS, Marshall	1939-1945
MRS. HELEN R. PEGELOW, Mattoon	1939-1945
DR. PRESTON BRADLEY, Chicago	1941-1947
LINDELL W. STURGIS, Metropolis	1941-1947
RUSSELL L. GUIN, Danville	1941-1947

★ ★

LUCIEN A. FILE........................Co-ordinator

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Normal Schools of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, namely:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above aims into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

RATING

Eastern Illinois State Teachers College is FULLY accredited

(1) as a Teachers College in the American Association of Teachers Colleges,

(2) as a College in the North Central Association of Colleges and Secondary Schools.

ADMINISTRATION

1940-41

Office of the President

Robert Guy Buzzard, Ph.D. .... President
Roy Kenneth Wilson, B.Ed. ....Secretary to the President and Director of Public Relations
Florence Leone Fair, A.B. .... Stenographer

Office of the Dean and Registrar

Frank Andrew Beu, Ph.D. .... Dean
Blanche Claire Thomas .... Registrar
Loretta Catherine Harvey, A.B. .... Secretary

Office of Dean of Women

Elizabeth K. Lawson, Ph.D. .... Dean of Women

Office of Dean of Men

Hobart Franklin Heller, Ph.D. .... Dean of Men

Office of the Director of Training Schools

Harry Louis Metter, Ph.D. . . Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D. .... Principal of High School
Arthur U. Edwards, Ph.D .... Principal of Elementary School
Hans Christian Olsen, Ph.D. . . Director of Off-Campus Student Teaching
Madge Eleanor Moore .... Secretary

Office of Extension Director

Bryan Heise, Ph.D. .... Director of Extension

Office of Health Service

Sidney Britton Goff, M.D. ....College Physician and Director of Health Service
Mary Ellen Thompson, R.N. .... College Nurse

Business Office

Raymond Rosco Gregg, A.M. .... Business Manager
Violet Bird Taylor, B.A. .... Secretary
Dorothy Virginia Davis .... Stenographer

Office of Textbook Library

Henry J. Arnold, A.M. .... Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B. .... Director of Pemberton Hall

Buildings and Grounds

Camille F. Monier .... Superintendent of Grounds
Granvil Shafer .... Superintendent of Buildings
Edson B. Clodfelter .... Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1940-41

Asterisk (*) indicates Head of Department.
Date of joining staff in parentheses.

Administration

Robert Guy Buzzard, Ph.D. .... *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

Frank Andrew Beu, Ph.D. .... *Dean*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)

Hobart Franklin Heller, Ph.D. .... *Dean of Men*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931; Graduate study, State University of Iowa, summer, 1934; Ph.D., Columbia University, 1940. (1931)

Elizabeth K. Lawson, Ph.D. .... *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

Blanche Claire Thomas .... *Registrar* (1922)

Raymond Rosco Gregg, A.M. .... *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933, and 1934. (1934)

Harry Louis Metter, Ph.D. .... *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Donald Allen Rothschild, Ph.D. .... *Principal, Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

Arthur U. Edwards, Ph.D. .... *Principal, Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

Hans Christian Olsen, Ph.D. .... *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

BRYAN HEISE, Ph.D. . . . . *Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

SIDNEY BRITTON GOFF, M.D. . . . . *College Physician and Director of Health Service*
B.S., University of Wisconsin, 1921; M.D., Rush Medical College, The University of Chicago, 1931. (1937)

MARY ELLEN THOMPSON, R.N. . . . . *College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

ALICE NELLIE COTTER, A.B. . . . . *Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

MILDRED RUTH WHITING, Ph.D.* . . . . *Associate Professor*
B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)

CLEOBELLE HARRISON, M.S. . . . . *Instructor*
A.B., Western State Teachers College, Kalamazoo, Michigan, 1928; Graduate student, American Academy of Art, 1930-31; M.S., Wayne University, 1938. (1939)

ALICE MCKINNEY, A.M. . . . . *Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; Chautauqua Summer School, 1928; Woodbury School of Art and Massachusetts Art School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (On leave of absence, 1940-41.) (1928)

MARJORY BERTHA WINTERSTEEN, A.M. . . . . *Instructor*
B.Ed., Southern Illinois State Normal University, 1932; A.M., Teachers College, Columbia University, 1936. (Substitute instructor, 1940-41.) (1940)

BIOLOGICAL SCIENCE

Botany

ERNEST LINCOLN STOVER, Ph.D.* . . . . *Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. (1923)

HIRAM FREDERICK THUT, Ph.D. . . . . *Assistant Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. (1932)

Zoology

CHARLES STOCKMAN SPOONER, Ph.D.* . . . . *Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., University of Illinois, 1918; Graduate study, The University of Chicago, summer, 1918; Ph.D., University of Illinois, 1936. (1919)

WALTER MERRITT SCRUGGS, M.S. .... *Assistant Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Graduate study, Harvard University, 1937-38. (1929)

Hygiene

HAROLD MAXON CAVINS, Ed.D. .... *Assistant Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

SIDNEY BRITTON GOFF, M.D. .... *Instructor*
B.S., University of Wisconsin, 1921; M.D., Rush Medical College, The University of Chicago, 1931. (1937)

COMMERCE

JAMES MICHAEL THOMPSON, Ed.D.* .... *Associate Professor*
B.S., Nebraska State Normal School, 1929; A.M., Colorado State Teachers College, 1933; Ed.D., New York University, 1936. (1937)

EARL SAMUEL DICKERSON, M.S. .... *Assistant Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Graduate study, New York University, summers, 1938, 1939. (1935)

STANLEY CLAY ROBINSON, A.M. .... *Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (1939)

JESSIE MARTHA HUNTER, A.M. .... *Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

LENA MAE SCOTT, A.M. .... *Instructor*
A.B., Western State Teachers College, Bowling Green, Kentucky, 1932; A.M., University of Michigan, 1936; George Peabody College for Teachers, 1935-39; Graduate study, University of North Carolina, First Semester, 1940. (Spring Quarter, 1941, only.) (1941)

EDUCATION

EMMA REINHARDT, Ph.D.* .... *Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

FRANK ANDREW BEU, Ph.D. .... *Professor*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)

HARRY LOUIS METTER, Ph.D. .... *Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. .... *Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

BRYAN HEISE, Ph.D. .... *Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D. .... *Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D. .... *Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D. .... *Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ENGLISH

ISABEL MCKINNEY, A.M.* .... *Professor*
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (On leave, Spring Quarter, 1941.) (1904)

HOWARD DEFOREST WIDGER, Ph.D. .... *Professor*
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

FRANKLYN LEHMAN ANDREWS, A.M. .... *Associate Professor*
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936 and 1937. (1929)

EUGENE M. WAFFLE, Ph.D. .... *Assistant Professor*
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (1926)

ROBERT ARMAND SHILEY, Ph.D. .... *Assistant Professor*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; Ph.D., Yale University, 1939. (1931)

WINNIE DAVIS NEELY, M.A. .... Instructor
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

ESTHER SHEARS BRENTON, Ph.D. .... *Instructor*
A.B., Indiana State Teachers College, 1924; M.A., Butler University, Indianapolis, 1934; Ph.D., University of Texas, 1940. (Substitute instructor, Spring Quarter, (1941.)

FOREIGN LANGUAGE

KEVIN GUINAGH, Ph.D.* .... *Associate Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. Instructor, University of Illinois, Summer Term, 1940. (1931)

ELLEN ELIZABETH MICHAEL, A.M...........*Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summer, 1939. (1930)

RUTH CARMAN, A.M...........*Instructor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summer, 1940. (1914)

GEOGRAPHY

NORMAN CARLS, Ph.D.*..........*Associate Professor*
B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (1940)

RUBY MILDRED HARRIS, S.M...........*Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936. (On leave for graduate study, spring, 1941.) (1923)

ROSE ZELLER, Ph.D...........*Assistant Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

WILFRID DUDLEY KELLEY, M.S...........*Instructor*
B.Ed., Eastern Illinois State Teachers College, 1938; M.S., University of Michigan, 1940; Graduate study, University of Michigan, first semester 1940-41. (Substitute instructor, Spring Quarter, 1941.) (1941)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.*..........*Associate Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate study, University of California, 1923-24; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, A.M...........*Assistant Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; Graduate study, Cornell University, summer, 1939. (1937)

MARY ELLEN LYONS, Ph.D...........*Assistant Professor*
B.S. in Ed., Framingham, Massachusetts, State Teachers College, 1927; M.A., Teachers College, Columbia University, 1935; Ph.D., Massachusetts State College, 1939. (1939)

WILMA WARNER, M.S...........*Instructor*
B.Ed., Western Illinois State Teachers College, 1934; M.S., Iowa State College, 1938. (Substitute instructor, Fall Quarter, 1940.)

AGNES LUCILLE MAGRUDER, M.S...........*Instructor*
B.S., Colorado State College, 1923; M.S., Iowa State College, 1939. (On leave, Fall Quarter, 1940.) (1939)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.*................*Associate Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)

WAYNE P. HUGHES, A.M.......................*Assistant Professor*
Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Teachers College, Columbia University, summer, 1937; Graduate study, New York University, 1938-39. (1923)

RUSSELL HENRY LANDIS, Ed.D..................*Assistant Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; Ed.D., Pennsylvania State College, 1940. (1930)

CLARENCE MARION WHITE, M.S.........................*Instructor*
B.S., 1929, M.S., Kansas State Teachers College, Pittsburg, 1936. (1939)

SHELBY S. SHAKE, M.S................................*Instructor*
B.S., Indiana State Teachers College, 1929; M.S., Indiana University, 1934. Director of N.Y.A. Training, Nov.-June, 1940-41. (1938)

LIBRARY

MARY JOSEPHINE BOOTH, B.L.S.*..*Associate Professor and Librarian*
A.B., Beloit College, 1900; B.L.S., University of Illinois Library school, 1904; The University of Chicago, second summer term, 1908. (1904)

MAY SMITH, M.S......................................*Instructor*
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1931)

LOUISE MATILDA STUBBLEFIELD, B.S. in L.S...............*Instructor*
B.Ed., Illinois State Normal University, 1938; B.S. in L.S., University of Illinois, 1939. (1939)

ESTHER DUGGLEBY, M.A................................*Instructor*
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S., in L.S., 1931; M.A., University of Illinois, 1938. (1935)

HARRIET LOVE, M.S....................................*Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

MATHEMATICS

EDSON HOMER TAYLOR, Ph.D.*..........................*Professor*
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)

FISKE ALLEN, A.M.....................................*Professor*
Diploma, Indiana State Normal School, 1895; A.B., Indiana University, 1898; A. M., Columbia University, 1910. (1913)

Hobart Franklin Heller, Ph.D. .... *Associate Professor*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931; Graduate study, State University of Iowa, summer, 1934; Ph.D., Columbia University, 1940. (1931)

Ruth Hostetler, A.M. .... *Instructor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1930)

Music

Leo J. Dvorak, Ph.D.* .... *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (1940)

Ethel Irene Hanson, A.M. .... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935. (1927)

Rudolph D. Anfinson, Ph.D. .... *Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail School of Music, 1938; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

Robert Austin Warner, M.A. .... *Instructor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (1938)

Marget Irene Johnson, M.M. .... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

Donald E. Johnson, Ph.D. .... *Instructor*
B.S., State Teachers College, Maryville, Missouri, 1933; A.M., 1938, Ph.D., Columbia University, 1940. (1940)

Physical Education

Men

Charles P. Lantz, Pd.D.* .... *Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer, 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

Winfield Scott Angus, M.S. .... *Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939. (1932)

Gilbert Carson, A.M. .... *Instructor*
Diploma, Southern Illinois State Normal University, 1921; Coaching school, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (1936)

SHELBY S. SHAKE, M.S. .... *Instructor*
B.S., Indiana State Teachers College, 1929; M.S., Indiana University, 1934. Half-time. (First half-year.) (1938)

HENRY H. SUGDEN, M.S. .... *Instructor*
B.S., LaCrosse State Teachers College, Wisconsin, 1939; M.S., Indiana University, 1940; Graduate study, Indiana University, summer, 1940. (Second half-year only.) (1941)

Women

FLORENCE MCAFEE, Ed.D.* .... *Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

MABEL J. HUPPRICH, M.S. .... *Instructor*
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34. (1934)

EDITH CRAWFORD HAIGHT, A.M. .... *Instructor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Graduate study, New York University, 1930-32, 1937-38; Columbia University, 1937-38. (1938)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.* .... *Associate Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester, 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

WALTER ALBERT, Ph.D. .... *Assistant Professor*
A.B., Wayne State Teachers College, 1928; M.S., 1932, Ph.D., University of Nebraska, 1934. (1939)

WILLIAM HOMER COPPOCK, Ph.D. .... *Assistant Professor*
B.S., Monmouth College, 1933; M.S., 1935, Ph.D., State University of Iowa, 1939. (1939)

Physics

ORA LEE RAILSBACK, Ph.D.* .... *Professor*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana University, summers, 1924, 1926; The University of Chicago, summer quarters, 1928, 1929; Ph.D., Indiana University, 1937. (1924)

FRANK LOUIS VERWIEBE, Ph.D. .... *Assistant Professor*
M.E., Cornell University, 1920; Graduate student, University of Buffalo, part-time, 1921-23; State Teachers College, Buffalo, part-time, 1923-24; M.S., 1930, Ph.D., The University of Chicago, 1933. (1934)

SOCIAL SCIENCE

SIMEON E. THOMAS, A.M., LL.D.* .... *Professor*
Ph.B., Upper Iowa University, 1898; A.M., State University of Iowa, 1902; Graduate study, Harvard University, 1902-4; LL.D., Upper Iowa University, 1937. (1906)

CHARLES HUBERT COLEMAN, Ph.D. . . . . *Associate Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D. . . . . *Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Graduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D. . . . . *Assistant Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D. . . . . *Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.* . . . . *Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A. . . . . *Instructor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935. (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D. . . . . *Director of Teacher Training and Placement Bureau*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D. . . . . *Principal of Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M. . . . . *Instructor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M. . . . . *Instructor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939. (1920)

EMILY VERONICA BAKER, A.M. . . . *Instructor and Sixth Grade Critic*
B.Ed., Illinois State Normal University, 1929; A.M., George Peabody College for Teachers, 1933; Part-time graduate study, University of Illinois, 1936-37, first semester, 1937-38; Graduate study, Columbia University, summer, 1938. (On leave for graduate study, spring and summer, 1941.) (1935)

BEATRICE LEHNING, M.A.........*Instructor and Sixth Grade Critic*
Diploma, Thomas Normal School, 1916; B.S., 1922, M.A., State University of Iowa, 1929. (Substitute instructor, February 3 to August 8, 1941.) (1941)

BERNICE I. BANKSON, A.M........*Instructor and Fifth Grade Critic*
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938. (1933)

MYRTLE ARNOLD, A.M...........*Instructor and Fourth Grade Critic*
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939. (1930)

NANNILEE SAUNDERS, A.M........*Instructor and Third Grade Critic*
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)

OLIVE LENORE THOMPSON, A.M...*Instructor and Second Grade Critic*
A.B., Iowa State Teachers College, 1930; A.M., The State University of Iowa, 1936; Graduate study, University of California, summer, 1939; University of Southern California, summer, 1940. (1937)

MARGARET B. DONLEY, A.M........*Instructor and First Grade Critic*
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbia University, 1932; Graduate study, University of Colorado, summer, 1940. (1935)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D........................*Principal of Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

LENA BOYD ELLINGTON, A.M.................*Instructor in History*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938. (1920)

ICA MARKS, M.S...................*Instructor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (On sick leave, November, 1939, to June, 1940.) (1932)

RUTH CARMAN, A.M..........................*Instructor in Latin*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summer, 1940. (1914)

ELLEN ELIZABETH MICHAEL, A.M.....*Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summer, 1939. (1930)

GERTRUDE HENDRIX, M.S., A.M...*Assistant Professor in Mathematics*
A.B., DePauw University, 1926; M.S. (Education), 1930, A.M. (Mathematics), University of Illinois, 1935. (1930)

ROBERTA LEE POOS, A.M......................*Instructor in English*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (1935)

SETH ARTHUR FESSENDEN, M.S.......*Assistant Professor in English*
B.S., 1934; M.S., University of Illinois, 1935; Graduate study, University of Montana, summer, 1937; Cornell University, summer, 1938; University of Illinois, summer, 1939; on leave for study, New York University, 1939-40. (1938)

OLIVER WILLIAM FISCHER, A.M........*Instructor in Industrial Arts*
B.S., Bradley Polytechnic Institute, 1930; A.M., University of Missouri, 1936. (1937)

PARIS JOHN VAN HORN, M.S.................*Instructor in Science*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers 1937, 1938, and 1940. (On leave for military service, April, 1941-April, 1942.) (1935)

MARVIN FRANK SMITH, M.A.....*Instructor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940. (1940)

RAYMOND F. BLAKE, A.M....................*Instructor in Science*
B.S., Iowa State Teachers College, 1938; A.M., State University of Iowa, 1939. (Substitute instructor, April, 1941-April, 1942.)

AFFILIATED TRAINING SCHOOLS

HANS CHRISTIAN OLSEN, Ph.D.............................*Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Columbia University, 1926. (1938)

Humboldt High School

HOWARD EUGENE GREER, M.A.....................*Superintendent, Humboldt Public Schools, History and Geography*
B.Ed., Southern Illinois State Normal University, 1932; M.A., University of Illinois, 1936. (1936)

EUGENE BRADLEY ARMER, B.Ed............*Mathematics and Science*
B.Ed., Eastern Illinois State Teachers College, 1935; Graduate study, University of Illinois, summers, 1936, 1937, 1938, 1939. (1935)

VELMA GERALDINE HITT, B.S....*Home Economics and Social Studies*
B.S., Battle Creek College, 1929; Eastern Illinois State Teachers College, 1938-1939, summers, 1939, 1940. (1939)

FRANCES MARIAN PHIPPS, B.M. . . . . *Commerce*
B.M., MacMurray College for Women, 1929; MacMurray College for Women, 1930-1931; Illinois State Normal University, summers, 1930, 1938; Graduate study, University of Wisconsin, summer, 1936. (1940)

MARY ELIZABETH POORMAN, B.A. . . . . *English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

RICHARD JAMES BROMLEY, B.Ed. . . . . *Grades 5-8*
B.Ed., Eastern Illinois State Teachers College, 1938. (1940)

FAYE EMMA MANSFIELD, B.Ed. . . . . *Grades 1-4*
B.Ed., Illinois State Normal University, 1940. (1940)

Kansas High School

JOHN C. ROBERTS, M.A. . . . . . *Superintendent, Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940. (1940)

EVELYN ELIZABETH DURHAM, B.Ed. . . . . *Commerce*
B.Ed., Illinois State Normal University, 1938. (1940)

JUANEE SWEARINGEN, B.Ed. . . . . *Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939. (1940)

Rural Schools

RUBY SARAH PRICE, B.Ed. . . . . *Oak Grove Rural School*
B.Ed., Southern Illinois State Normal University, 1937; Graduate study, Northwestern University, summer, 1940. (1939)

GLENNA JUANITA ALBERS, B.Ed. . . . . *Clear Springs Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-1939. (1937)

MABEL ANN JOHNSON, B.Ed. . . . . *Muddy Point Rural School*
B.Ed., Illinois State Normal University, 1940. (1940)

Extension

Bryan Heise, Ph.D.	*Director of Extension Education*
Donald Rhodes Alter, Ph.D.	*Social Science*
Frank A. Beu, Ph.D.	*Education*
Harold Maxon Cavins, Ph.D.	*Biological Science*
Norman Carls, Ph.D.	*Geography*
Charles Hubert Coleman, Ph.D.	*Social Science*
Leo J. Dvorak, Ph.D.	*Music*
Kevin Guinaugh, Ph.D.	*Foreign Language*
Walter A. Klehm, Ed.D.	*Industrial Arts*
Isabel McKinney, M.A.	*English*
James Glenn Ross, Ph.D.	*Speech*
Donald Allen Rothschild, Ph.D.	*Education*
Glenn Huron Seymour, Ph.D.	*Social Science*
Edson H. Taylor, Ph.D.	*Mathematics*
Simeon E. Thomas, LL.D.	*Social Science*
Clarence M. White, M.S.	*Industrial Arts*
Mildred R. Whiting, Ph.D.	*Art*
Howard DeForest Widger, Ph.D.	*English*
William G. Wood, Ph.D.	*Social Science*
William H. Zeigel, Ph.D.	*Education*

Emeritus Faculty

Ellen A. Ford, A.M.	*Dean Emeritus*
Annie Laura Weller, A.B., S.B.	*Professor Emeritus*
Albert B. Crowe, A.M.	*Associate Professor Emeritus*
Friederich Koch	*Associate Professor Emeritus*
Anabel Johnson, A.M.	*Instructor Emeritus*
Gilberta Coffman	*Instructor Emeritus*
Anna Holden Morse	*Instructor Emeritus*

Inactive Instructor in Order for Emeritus Rating

Edith E. Ragan	*Instructor*

PART I: GENERAL INFORMATION

LOCATION
HISTORY
EQUIPMENT
RATING
EXPENSES
COLLEGE TEXTBOOK LIBRARY
PENALTIES
BOARD AND ROOM
SCHOLARSHIPS
EDUCATIONAL BENEFIT ACT
LOAN FUNDS
STUDENT ACTIVITIES
ALUMNI CLUB
THE ALUMNI ASSOCIATION
ASSOCIATED EASTERN STATE CLUBS
THE BUREAU OF TEACHER PLACEMENT
THE CERTIFICATING LAW

EASTERN ILLINOIS STATE TEACHERS COLLEGE

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running across Illinois through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion, Illinois.

A bus-line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

Distances in miles from Charleston by paved highway are:

Chicago	200	Flora	78
St. Louis	145	Lawrenceville	81
Terre Haute	51	Danville	64
Decatur	57	Vandalia	73
Champaign-Urbana	58	Olney	57
Salem	86	Pana	54

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year.

Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school. In 1940 one hundred and forty-one students were graduated with the Bachelor of Education degree and forty-three students received the Junior College diploma.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. Since 1935 an eight weeks summer term has been offered. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920.

EQUIPMENT

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoölogical studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of $21,600 made by the General Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house is used as a co-operative dormitory by a group of men students.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The Legislature of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The Legislature of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been recently refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The Legislature of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937 and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. The library contains 58,520 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of 341 periodicals, including many devoted to special subjects. A children's library, containing 3,000 books, occupies a commodious room at the north end of the third floor of the training school building. A children's librarian is in charge. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. Four librarians are in charge. *Lessons in the use of the library* are required in all curricula as explained in the Description of Courses.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois.

EXPENSES

Tuition is free to legal residents of Illinois who agree to teach in the public schools of the State for a period equal to the time spent in college. Students who do not take a required course leading toward a teacher's certificate, a diploma, or a degree must pay tuition of $15.00 a quarter in addition to all fees described below. Students not registered for required physical education or library use will be regarded as tuition students, unless these courses have been completed.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons shall be admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

Such students must pay the tuition fee of $15.00 a quarter plus the fees listed below, unless they have been out of school for one year, and until one quarter of work has been completed with a scholarship average of C.

Students who are on probation for two consecutive quarters are excluded from attendance for the period of one calendar year unless tuition is paid and they are given special permission by the Dean to remain. They are reported as "Dropped on account of low scholarship" if record is transferred to another college.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; but a charge of $1.00 is made for additional copies of this transcript sent later.

The Normal School Board ruled on August 22, 1938, "That no credits be issued for transfer to any school unless the applicant for such transfer shall furnish satisfactory proof that he intends to go into the teaching profession, or until tuition is paid for the time the applicant attends as required by the ruling of the Normal School Board."

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (as described below)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. A fee of $1.00 per quarter is required of students taking laboratory science courses to cover supplies and breakage, for music instruments, technique courses in music, and typewriting.

All laboratory and materials fees must be paid within ten days after registration or enrollment in classes is automatically terminated.

A $5.00 graduation fee for either a diploma or a degree is payable on April 1. This fee covers all graduation expenses, including use of cap and gown.

A towel deposit of seventy-five cents is required for each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The Eastern Illinois State Teachers College offers a plan of providing adequate textbooks for all classes at unusually low cost. The college operates a bookstore on a flat rental basis. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than by ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of fifty cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of fifty cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for from $1.75 to $2.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable monthly in advance. For table board, $60.00 a quarter is charged, payable monthly in advance ($20.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $5.00 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Cooperative Dining Service. There are three cooperative dining services for men students, one of which, the Panther's Lair, is sponsored by the college. The other two are sponsored by fraternities and are subject to college supervision. Members of the services share in the work, with each member working approximately one-half hour each day. The actual cost of food is divided among the members once a week. Last year the cost averaged $2.60 a week for each member. Further information may be obtained by writing to the Dean of Men.

Housing Bureau. The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the college.

SCHOLARSHIPS

Army and Navy Scholarships. Men who served in the United States Army or Navy in the World War and who were residents of Illinois at the time of entering the service are exempt from the payment of tuition and registration fee ($10.00). They pay only the student activity fee of $6.00 and the book rental fee of $3.50.

Normal School Scholarships. The State Legislature passed an act in 1935 stating that:

> There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.
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> The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships pay only the student activity fee of $6.00 a quarter and the book rental fee of $3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters of the regular year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50.

The student must present the Lindly Scholarship at the time the fees are paid.

University of Illinois Graduate Scholarship. For three years the University of Illinois has offered a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred dollars. The student nominated by the faculty for 1940-41 was Grace Genevieve Thompson, a major in Commerce.

The Florence Vane Skeffington Scholarship. In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English.

The award was given to Earl Lester Oliver for 1940-41.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1940-41 was made to Norma Janet Hollman.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 reads as follows:

Section 1. The sum appropriated under the provisions of this Act shall be used for the sole purpose of providing for matriculation fees, board and room rent and books and supplies for the use and benefit of the children not under sixteen and not over twenty-two years of age; and who have for twelve months had their domicile in the State of Illinois, of those World War veterans, who were killed in action or died from other causes in the World War, from April 6, 1917 to July 2, 1921, while serving in the army, navy or marine corps of the United States as a result of such service; which orphans are attending or may attend a state educational institution of a secondary or college grade. Said children shall be admitted to state institutions of secondary or college grade, free of tuition.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the second half of the course to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, and for organizing ability and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare, and consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities are financed by a self-imposed Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Teachers College News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic and Sports Board, the Forensics and Dramatics Board, the Music Activities Board, Health and Hospitalization Board, Student Publications Boards, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the college to the State Normal School Board.

ENTERTAINMENT COURSE, 1940-41

October 16—Gladys Swarthout, soprano.
December 4—Poldi Mildner, pianist.
January 16—Vilhjalmur Stefansson, lecturer.
February 3—The Littlefield Ballet.
March 12—Ossy Renardy, violinist
May 9—Junior Plays, Inc. opera, "The Bumblebee Prince."

STUDENT PUBLICATIONS

An eight-page newspaper, *The Teachers College News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English. For the last eleven years *The Teachers College News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937-1941, the high position of medalist was achieved in the Columbia rating. *The Teachers College News* is a member of the National, the Columbia University, and the Illinois College press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, and 1941 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to the *The Warbler* of 1938, 1939, and 1941.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the college. All social functions are scheduled by the school calendar, and supervision by committees and chaperons arranged two weeks in advance. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members ex-officio of the Social Activities Board.

The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women. The major activities are in turn governed by a series of nine other boards made up of faculty and students, with duties implied in the names given them. The boards for 1940-41 are:

Apportionment Board

Faculty	*Students*
S. E. Thomas, Chairman	Dean Arnold '42
Charles S. Spooner	Frances Burgener '41
William H. Zeigel	Charles Crites '41
Ruth Hostetler	Jeanne Cress '43
Rose Zeller	William Couch '43
	Betty Markel '42
	Helen Thomas '41

Athletics and Sports Board

Faculty	*Students*
Charles P. Lantz, Chairman	William Glenn '41
Florence McAfee	Paul Jones '42
James Thompson	Jane Lumbrick '43
Donald R. Alter	Betty Markel '42
Walter M. Scruggs	Orval Spurlin '41
	Ray Suddarth '41

Entertainment Board

Faculty	*Students*
Glenn H. Seymour, Chairman	Burdette Constant '42
Charles H. Coleman	Carroll Endsley '42
Rudolph K. Anfinson	Jean Gossett '43
Winnie D. Neely	William Humes '43
Mildred R. Whiting	Betty King '41
	Fae Maness '43
	John Voigt '42

Forensics and Dramatics Board

Faculty	*Students*
Glenn J. Ross, Chairman	Doris Birgee '43
Robert A. Shiley	Elbert Fairchild '43
William G. Wood	Harold Lee Hayes '42
Seth A. Fessenden	Martha Moore, '43
Grace Williams	Edward Rennels '42
	Robert Spivey '42

Health and Hospitalization Board

Faculty	*Students*
Sidney B. Goff, Chairman	President, Senior Class, Orval Spurlin '41
Harold M. Cavins	President, Junior Class, William Wise '42
Mary Thompson	President, Sophomore Class, Albourne Long '43
Walter M. Scruggs	President, Freshman Class, Richard Fisher '44
Earl S. Dickerson	President, Women's League, Jane Abbott '42
	President, Men's Union, Robert Mirus '41
	President, Student Council, Betty King '41

Music Activities Board

Faculty	*Students*
Leo J. Dvorak, Chairman	Jane Abbott '42
Hobart F. Heller	Frances Faught '42
Ora L. Railsback	Owen Harlan '41
Elizabeth Michael	William Holladay '42
Ethel I. Hanson	Herbert Lee '43
	Russell Myers '41
	Ruth White '42

Social Activities Board

Faculty	*Students*
Stanley Robinson, Chairman	Dean Arnold '42
Hobart F. Heller	Earl Baughman '44
Elizabeth K. Lawson	Jeanne Cress '43
Frank L. Verwiebe	William Couch '43
Robert Warner	Eugene Harre '44
	Paul Jones '42
	Betty Markel '42

Student Publications Board

Faculty	*Students*
Franklyn L. Andrews, Chairman	Editor, The Warbler
Roy Wilson	Editor, The T. C. News
Russell Landis	Bus. Mgr., The Warbler
Kevin Guinagh	Bus. Mgr., The T. C. News
Eugene M. Waffle	Dorothy Hensen '42
	Albourne Long '43
	Howard Skidmore '42

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. The women are organized into groups called Units, and government is vested in a Council of Nine, elected from the membership at large.

ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. In 1939 the golf team won first place in the Teachers College match and first place in the Little Nineteen. A well-organized program of intramural games for men is carried out. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

The women's athletic program is under the direction of the Women's Athletic Association. Participation in various "play days" among the Illinois Colleges is a part of the year's program.

SPEECH ACTIVITIES

Dramatics. The college dramatics organization is known as "The Players." It is one of the largest and most active organizations on the campus. Leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The Health Education Building includes a large stage, supplied with modern equipment. There are two large dressing rooms and a make-up room. The lighting equipment includes a remote-control, interlocking major switchboard, footlights, x-ray border lights, floods, and spotlights.

Forensics. College forensics include a program of intramural speech events and intercollegiate competition for both men and women in debate, oratory, extempore speaking, and discussion. The forensics club is known as "The Speakers." Each year the club sponsors a program of intramural speaking activities, including debating, discussion, original oratory, extempore speaking, oratorical declamation, serious, comedy, poetry, and scripture readings. Participation is open to all students.

Eastern is the home of Illinois Sigma Chapter of Pi Kappa Delta, national honorary forensics fraternity. The College is also a member of the Illinois Intercollegiate Oratorical Association.

In 1940-41 Eastern won the Pi Kappa Delta Illinois-Wisconsin Province oratorical contest at North Central College, the State contest of the Illinois Intercollegiate Oratorical Association at Lake Forest College, and the State peace intercollegiate oratorical contest at North Central College. The college placed second in the women's State oratorical contest; fourth in the Pi Kappa Delta Province contest; and third in the State extempore speaking contest.

During the year 1940-41 Eastern's debaters competed with leading colleges and universities of the Middle West in tournaments on the local campus, at Illinois State Normal University, at the State Teachers College, Whitewater, Wisconsin, at Huntington College, at Millikin University, and at North Central College. The woman's debate team went through the Pi Kappa Delta Province tournament undefeated. The women's teams as a whole won third place in the tournament. In the Manchester debate tournament (Huntington Division) in which over sixty colleges and universities from eight states participated, Eastern's record was the best among colleges having the same number of teams entered.

During 1940-41 Eastern's orators, debaters, and other speakers appeared before more than thirty service clubs, study clubs, high schools, church groups, and other organizations.

Speech Correction Clinic. In the work of the clinic the faculty director and student assistants guide speech-handicapped children toward rehabilitation.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the A Cappella Choir, the Men's Glee Club, and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and recreating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs throughout the year, uniting to present the "Messiah" at Christmas in alternate years, and an oratorio or opera in the spring. The Glee Clubs, the College A Cappella Choir, the Orchestra and the Symphonic Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests.

Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Art Club, an organization of art majors and minors, and other students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

Country Life Club, sponsored by students expecting to teach in rural schools.

Eastern State Club, campus organization formed in 1937, whose membership is limited to 35 students, directs its efforts toward promoting greater student, faculty and alumni interest in college affairs. It constantly searches for worthwhile things to do which will contribute to the progress of the college. Recent activities have included the preparation of a design for college pennants, and the sale of these; preparation of the complimentary souvenir programs for the Silver Jubilee Homecoming; election each fall of a Football Greeter; distribution of posters and other promotional work for important campus events; assistance in the management of athletic events; decoration of the college towers for the Christmas holiday season; and introduction of the plan for electing Marshals and Aides in the Junior Class. Early in 1940, the organization voted to elect one faculty member to honorary membership each year. President Robert G. Buzzard was chosen as the first honorary member.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, maintained by young women enrolled in the home economics curriculum, and affiliated with the Illinois State and the National Home Economics Associations.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty and others interested in music. The giving of an oratorio at the Easter season is an outgrowth of the work of this club.

The Players is open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students majoring in botany, zoology, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, international honor society in Education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in Industrial Arts, was installed May 25, 1933. Membership is limited to students with high scholarship in Industrial Arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

Kappa Mu Epilson—Illinois Beta Chapter of Kappa Mu Epsilon, national professional fraternity in Mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in Dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in Dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of Kappa Pi, a national honorary Art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Sigma Delta—a local journalistic club, was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is limited to persons on the staff of *The Teachers College News* who display an active and constructive interest in student problems.

Pi Kappa Delta—Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in inter-collegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of Gamma Theta Upsilon, a national professional Geography fraternity, was installed July 9, 1940. The purpose is to promote Geography in Education. Only Geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES

Fidelis, a local fraternity established in 1929, selects its members according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes. In 1936, immediately after having secured a house, the fraternity established a cooperative dining service. Although fifteen or more members live at the house, thirty men are enrolled for the dining service, not all of whom are members.

Phi Sigma Epilson, Delta Chapter, a national social fraternity in teachers' colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life. There are about forty members. Cooperative dining service is maintained at the fraternity house.

Alpha Tau Nu, a local organization, is Eastern's first sorority. It was officially recognized in December, 1939. Arrangements for a house and dining service have been made. There is a strong alumnae group. The active membership may include forty. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student activities.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president,
Editor of the Warbler or News,
Business Manager of the Warbler or News,
President of a fraternity,
Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file a list of all officers, as soon as they are elected, with the chairman of the faculty committee.

6. Any student falling below the academic standing required of athletes is not permitted to take part in extra-curricular activities or organizations.

CHICAGO ALUMNI CLUB

The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the secretary, J. Stanley McIntosh, 7740 Eastlake Terrace, Chicago, Illinois.

THE ALUMNI ASSOCIATION

Alumni Day is observed annually in the spring. On Alumni Day, May 25, 1940, the annual reunion was held in connection with the dedication of the new Science Building. Dr. Harvey Brace Lemon, Professor of Physics at the University of Chicago, gave the main address, "New Frontiers in Education and Research."

Officers of the Alumni Association for 1940-41 are: Mr. Arthur Forster, '23, President and Chairman of the Executive Committee; Mr. Bruce Corzine, '13, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

Executive Committee

Mr. Roy Wilson, '36 (term expires in 1941).
Mrs. Thomas Manuell (Carrie Jordan), '12 (term expires in 1941).
Miss Emily Orcutt, '08 (term expires in 1942).
Miss Grace Gordon, '24 (term expires in 1942).
Mr. Ferdinand Homann, '08 (term expires in 1943).
Dr. Ciney Rich, '12 (term expires in 1943).

ASSOCIATED EASTERN STATE CLUBS

Since 1937, twenty-one Eastern State Clubs composed of graduates and former students have been formed. With the exception of the Springfield club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program. The activities of the clubs, which help to keep former students in contact with college events, are instrumental in bringing large groups back for Homecoming in the fall.

On Alumni Day, May 14, 1938, officers of the clubs met on the campus and formed the Associated Eastern State Clubs. An Executive Council composed of ten persons was chosen to direct the affairs of the clubs. The president of the student Eastern State Club on campus is elected for one year. Roy Wilson, director of alumni activities, was designated as secretary-editor of the clubs and made an ex-officio member of the Council. The president of the Alumni Association automatically becomes a member of the Council, according to action taken by the Council on May 25, 1940. Other Council members are elected for two-year terms. Members of the Council for 1940-41 follow:

Mr. Luther Black, '31 Tuscola, Chairman (term expires in 1941).
Mr. Arthur Forster, '23, Paris, President, Alumni Association.
Mr. Herman Homann, '34, Altamont (term expires in 1941).
Mr. Paul Henry, '31, Taylorville (term expires in 1941).
Mr. LeRoy Gruenewald, '38, Newton (term expires in 1941).
Mr. Harold Cottingham, '35, Paris (term expires in 1942).
Mr. U. L. Evans, Shelbyville (term expires in 1942).
Mr. Everett L. Clinard, '33, Oblong (term expires in 1942).
Mrs. Thomas Manuell, '12, Decatur (term expires in 1942).
Mr. Owen Harlan, '41 (Student Member).
Mr Roy Wilson, '36, Charleston (Secretary-Editor and Ex-Officio Member of Council).

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them in securing well-qualified teachers. Its purpose is also to assist any student or former student of the college in securing a teaching position.

It is the aim of the Bureau of Teacher Placement to furnish the prospective employer information needed in considering our applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and home community references.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

I. The completion of the freshman year in any curriculum admits the student to examination for a limited elementary certificate.

II. The completion of the two-year diploma curriculum gives a limited elementary certificate.

III. The completion of the first two years in any curriculum (96 quarter hours) gives a limited elementary certificate, provided the student's credits include the following courses: (See also note below.)

English (English 120 and 121 or 126)	8 quarter hours
Mathematics or Natural Science (2 quarters)	8 quarter hours
History or Social Science (2 quarters)	8 quarter hours
Education—	
Educational Psychology—Education 131 or 132 (2½ sem. hrs.)	4 quarter hours
Principles of Education—Education 223 or 343 (2½ sem. hrs.)	4 quarter hours
Practice Teaching (Teaching 220, 221)	8 quarter hours
Electives	56 quarter hours
	96 quarter hours

IV. Graduation with the degree gives a limited high school or a limited elementary certificate.

If the student has taught successfully for four years he may have also a supervisory certificate.

Note: For certification and graduation requirements relative to scholarship, see pages 54-56.

No student will be recommended for a limited elementary certificate until six quarters in required physical education, Penmanship 120, and Library 120 have been successfully completed. Any student in a four-year high school curriculum desiring to obtain a limited elementary certificate must show evidence of possessing sufficient fundamentals to pass a departmental examination in arithmetic, grammar, and geography unless courses covering these subjects are taken in the various departments.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE CERTIFICATING LAW ENACTED BY THE FIFTY-SIXTH GENERAL ASSEMBLY, 1929

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE				
	Supervisory	High School	Special	Kindergarten Primary	Elementary
(1)	(2)	(3)	(4)	(5)	(6)
I. Scope of Validity:					
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching; supervision	Teaching; supervision	Teaching; supervision kindergarten	Teaching; supervision
(c) Grades of school system	1–12	7–12	1–12	1–2	1–10
II. Requirements for Issue on Credits:					
(a) College semester hours	120	120	60[1]	60[2]	60
(b) Semester hours in education	15	15	12	Indefinite	10[3]
(c) Teaching experience	4 yr.	0	0	0	0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth
III. Requirements for Issue by Examination:					
(a) College semester hours	60	60	30	30[2]	30[5]
(b) Teaching experience	4 yr.	0	0	0	0
(c) Number of subjects written	5	10	3 or more	3	18
(d) College semester hours for renewal—					
1. First renewal	90	90	60[1]	60[2]	60
2. Second renewal	120	120	60[1]	60[2]	60
3. Third renewal, etc	120	120	60[1]	60[2]	60
IV. [6]Conditions of Exchange for Life Certificate:					
(a) Years of successful experience	Supervision 4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) College semester hours required	150	150	150[7]	120	120
(c) College semester hours in education	15	Indefinite	Indefinite	Indefinite	Indefinite
(d) Name of certificate received	Life supervisory	Life high school	Life special	Life kindergarten primary	Life elementary

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[1] 20 hours in each subject named in certificate.

[2] Kindergarten-primary training.

[3] 5 hours in practice teaching.

[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.

[5] 5 hours in education.

[6] Life certificates may be obtained by successful examination and preparation of thesis if applicant fails in slight measure to meet
required for exchange of limited

PART II: INSTRUCTION

ORGANIZATION
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ORGANIZATION

The Eastern Illinois State Teachers College comprises the college department proper, the Training Schools on the campus, and the Affiliated Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clear Springs, Muddy Point, and Oak Grove, the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, and the Kansas Community High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each.

An eight weeks' summer term is offered, which in 1942 begins June 15 and ends August 7.

REGISTRATION

New Students' Orientation Program: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in the college auditorium at nine o'clock on Monday morning, September 8, 1941. At that time detailed plans for Monday, Tuesday, and Wednesday, September 8, 9 and 10, will be announced. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any new student who registers later than Monday is required to pay a late registration fee of one dollar.

Upper Classmen: All upper classmen, sophomores, juniors, and seniors, are expected to register on Wednesday, September 10, 1941.

Classwork for all students starts at 8 o'clock on Thursday morning, September 11.

ADMISSION REQUIREMENTS

Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Probationary Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in freshman year.

Students transferring from other colleges must present high school and college credentials and are given advanced standing *only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.*

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. **This should be done at least two weeks before the date of entering. No student will be classified until his record is received.**

A registration permit is mailed to the student when his application for admission and his record have been checked and filed. An application for admission blank is in the back of the catalogue.

GRADUATION

The degree of Bachelor of Education (B.Ed.) is conferred upon those who complete a four-year curriculum, a Junior College diploma is granted to those who complete the two-year curriculum for preparation of teachers for the grades. Four-year curricula prepare teachers for high school, for special grade work, and for positions as principals, supervisors, and teachers of special subjects. *A year's resident work (Senior College credit) is required for a diploma or degree.*

One hundred and four quarter hours are required for a diploma and one hundred and ninety-nine quarter hours for a degree, except for majors in elementary education or commerce who are required to have two hundred quarter hours. Credit earned in dramatics, glee club, chorus, orchestra, or band is in excess of the total required for graduation.

Correspondence or extension work is accepted from accredited colleges to the extent of twenty-four quarter hours in the two-year curriculum and forty-eight quarter hours in a four-year curriculum.

Students who do not have a scholarship average of C cannot transfer in their last year credits from other colleges to count toward graduation from the two- or four-year curriculum.

For the degree, one-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject in addition to education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on

April 1. A statement of the courses necessary for the completion of his work is given to each of these students in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. *No names will be added to the list of candidates for graduation after April 1.* A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his diploma or degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, (Withdrew)[3]	0 grade point
F, Failure	—1 grade point

[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time *without the written permission of the Dean of the College* entails a grade of F (Failure).

I. *Graduation Honors.* These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year, and the sophomore year in the case of two-year diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his work and B average in the rest.

Graduation with honors requires a grade of A in one-half of the student's work; B or higher in one-fourth of his work; and C average in the rest.

Graduation honors are noted on the diploma and announced at Commencement.

II. *Scholarship Honors.* Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. *Admission to Practice Teaching.* 1. For registration for practice teaching in any quarter in any curriculum a student must have a C average.

2. Students transferring from other colleges must be in attendance at least one eight weeks' summer term or one quarter during which they earn twelve or sixteen quarter hours of credit with a C grade or higher, respectively, before they are eligible for practice teaching.

3. Students in four-year curricula with an average of 1.5 grade points may be admitted to practice teaching in the sophomore or junior year.

4. No student may be admitted to practice teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education. Sophomores in the four-year curricula planning to qualify for the limited elementary certificate should elect Education 230, 231, 232 in the freshman year.

5. No senior college student (junior or senior) is eligible to take practice teaching until he has completed 6 quarter hours of required physical education and Library 120. Students in a four-year elementary or commerce curriculum must also have completed Penmanship 120 before being eligible for practice teaching.

IV. *Certification and Graduation Requirements.* C average is required for graduation and certification from the two- and four-year curricula. Not more than one-fourth of the student's grades may be D. This means that a student must have as many grades above C (1) as he has grades of D (0).

A C average in the major subject is also required for graduation.

Six quarters of required Physical Education, Library 120, and Penmanship 120, a total of 8 quarter hours, are counted as credit toward graduation beyond the 192 quarter hours required for graduation (or 96 quarter hours for the two-year diploma). These courses also count for credit toward certification.

V. *Extra Work.* No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking practice teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. *Probation.* 1. A student whose grade points total less than two (A = 3; B = 2; C = 1; D = 0; F = —1) in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college.

2. A student who receives three grades of D in any one quarter is on probation the following quarter.

3. A student who is on probation for two consecutive quarters is excluded from attendance for the period of one calendar year unless tuition is paid and he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another college.

4. A student who fails in one course and has lower than C average in the three remaining courses of that quarter is not permitted to register for more than three courses in the following quarter.

5. A student who fails in one-half of his work (2 courses) in one quarter is on probation for the following quarter.

6. In the summer term students who fail in one course and have less than C average in the two remaining courses, or who earn three grades of D, are on probation for the following quarter or term.

VII. *Exclusion.* A student failing in three courses, twelve quarter hours, in any quarter or in one-half of his work, eight quarter hours, in each of two consecutive quarters, is dropped from the college.

DEPARTMENT OF EXTENSION

The organization of the Extension Department at Eastern Illinois State Teachers College has made it possible for teachers in service to continue their education. With the present emphasis upon greater professional training for teachers, the opportunity to attain degree ranking or renewal of certification by means of extension work has been eagerly accepted by hundreds of students residing in all parts of the area served by the college. Extension work to the extent of not more than 24 quarter hours of credit on a two-year curriculum or 48 quarter hours of credit on a four-year curriculum is acceptable toward graduation. From the foregoing, it is quite obvious that this is a distinct advantage to teachers in service who cannot take residence work.

Organization. Classes are organized in county seats or other towns where twenty or more students can agree upon an acceptable course, and for which the college can release an instructor. Most of the courses offered are on the senior college level. This is due to the fact that the majority of students are working toward a degree. However, if a sponsoring group desires a course on the junior college level, such a course can be arranged.

Entrance. The courses are open to (1) high school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon former attendance at the Eastern Illinois State Teachers College. Prerequisites for the course are adjusted between the instructor and student.

Credit. Classes meet two and one-half sixty-minute periods a week for sixteen weeks for which four quarter hours of credit are given upon satisfactory completion of the course. This credit is transferable, provided the work is in harmony with the curriculum pursued by the student. Since all curricula generally provide for electives, extension courses can easily be adjusted upon this basis.

Fees. The fees are $5.00 for each course with an additional charge of $1.50 for book rental. If the books are not obtainable from the college library, the rental fee is waived and the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension, Eastern Illinois State Teachers College, Charleston, Illinois.

CURRICULA

I. A Two-Year Curriculum, 104 quarter hours, leading to a diploma and planned for preparation of teachers for the grades. The diploma entitles the holder to a limited elementary school certificate without examination. The completion of the first year's work admits the student to an examination for a limited elementary certificate.

II. Four-Year Curricula, 199 quarter hours each*, for preparation of the following:

1. Elementary Grade Teachers (Lower Grades).
2. Elementary Grade Teachers (Upper Grades).
3. Rural Elementary School Teachers.
4. High-School Teachers and Teachers of Special Subjects:
    - A. Art.
    - B. Commerce.
    - C. English.
    - D. Foreign Language (Latin).
    - E. Geography.
    - F. Home Economics (Smith-Hughes).
    - G. Industrial Arts.
    - H. Mathematics.
    - I. Music.
    - J. Physical Education for Men.
    - K. Science (Biological: Botany or Zoology or both).
    - L. Science (Physical: Physics or Chemistry or both).
    - M. Social Science.
    - N. Speech.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks when the student load of prepared work is sixteen hours a week. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours).

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation. The credit is recorded on the student's permanent record card and may play an important part when he is an applicant for a position.

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100–199 are freshman courses; 201–299, sophomore courses; 300–399, junior courses; 401–499, senior courses.

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* 200 quarter hours are required for graduation from the elementary curriculum and the commerce curriculum.

MAJOR AND MINOR SUBJECTS

In four-year curricula for high school teachers, a student takes 48 quarter hours of work in a major subject and 24 quarter hours each in one or two minor subjects, in some cases specified by the department of the major subject and in other cases left to the student's choice, but the courses in the minor subjects must constitute two years' work in some one department or related field.

A student may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have a minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

DESCRIPTION OF CURRICULA

TWO-YEAR DIPLOMA CURRICULUM

(104 Quarter Hours)

Freshman Year

Fall	*Winter*	*Spring*
Education 130	Education 131	Education 132
English 120	English 121	English 122 or 124 or 126
P. E. (2)	P. E. (2)	P. E. (2)
Library 120 (1)	Penmanship 120	

Select two of the following subjects each quarter: Mathematics 120, 121; Geography 120; Art 124; Music 120; Zoology 123 or Botany 120.

Sophomore Year

Four of the following subjects are required each quarter: Education 224, 223; Social Science 233, 234 or Social Science 234, 235; Industrial Arts 224 or 225; Education 225 or Geography 221; Education 228; Hygiene 120; Teaching 220, 221, 222; 1 Elective. P. E. (3 quarters).

Notes: 1. Mathematics 120 and Mathematics 121 must be taken in consecutive quarters.

2. Those preparing for upper grades should take English 124 or 126 and Geography 221.

3. Those preparing for the lower grades should take English 122 and Education 225.

4. One elective credit (4 quar. hrs.) is allowed; if a B average is made in the first two terms of teaching, another elective may be substituted for Teaching 222.

5. Two consecutive terms of social science are required.

6. Numbers identify the course in the description of courses.

Numbers in parentheses after Physical Education and Library 120 indicate the number of periods a week.

7. Fifty-two quarter hours are required each year.

In the two-year rural school or elementary grade curriculum the practice teaching requirement is met by one-half day of teaching for one quarter (8 quarter hours of credit) if a B average is made in practice teaching; otherwise an additional four quarter hours of credit in practice teaching is required.

FOUR-YEAR CURRICULA

(199 Quarter Hours)

1. For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Mathematics 120, 121, Hygiene 120
Social Science 137, 138, 139
Biological Science 126, 127, 128
Penmanship 120
Library 120 (1)
Physical Education (2) (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Art 130
Industrial Arts 224, Education 228, Art 124
Physical Science 100, 101, 102
Education 130, 131, 132
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 345, Industrial Arts 225
Social Science 233, 234, 235
Geography 221, 236, Music 228
Elective, Elective, Educ. 225

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348*, Speech 345
Education 447, Elective, Education 344
Advanced Elective (Year)

* Or English 343 or 344 or 449.

NOTES: 1. Those preparing for the lower grades should take English 122.

2. Students in the four-year elementary or commerce curriculum must take Penmanship 120, making a total of 200 quarter hours for graduation.

2. For Preparation of Rural School Teachers

Lower Grades:

The same outline of courses for the lower grades as stated above with the following exceptions:

1. Substitute Teaching 220 R and 221 R for Teaching 220 and 221.
2. In the senior year substitute Teaching 441R for Teaching 441.
3. Education 449R may be elected in the senior year.
4. Students in this curriculum will do their practice teaching in the lower grades of an affiliated village school.

Upper Grades:

The same outline of courses as for the upper grades as stated above with changes as suggested above for the lower grades, except that students in this curriculum will do their practice teaching in the upper grades of an affiliated school.

High School:

Follow the regular Four-Year Curriculum for High School Teachers with the following suggested changes:

1. In the junior or senior year elect Education 449R.
2. In the senior year substitute Teaching 441R, 442R, and 443R for Teaching 441, 442, and 443. Students who take this course will do their practice teaching in an affiliated village high school.

3. For Preparation of High-School Teachers

The "core" of the four year high-school curriculum is the same in all departments with the exceptions mentioned in the footnotes.

In order to aid students who may wish to transfer from one major to a different one, these requirements are listed below:

FRESHMAN YEAR

English 120[2], 121, 125[1]
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)[4]
Major Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344[3], 345[5]
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
English A

SENIOR YEAR

Teaching 441, 442, 443
Speech 345[6]
Major Subject (Year)
Minor Subject (Year)

This leaves a minimum of 10 electives.

Commerce

[1] Students majoring in Commerce substitute Commerce 141 for English 125.

English

[2] Students majoring in English are excused from English 120 and 125 and are required to take English 121 and 126.

An examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall quarter, 1941. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

Foreign Language

Two years of modern foreign language are required in the Latin curriculum.

Home Economics

[3] Not required in the Home Economics or Music curriculum. Instead Education 458 is required in the Home Economics curriculum.

[4] Not required in the Home Economics curriculum.

Industrial Arts

[5] Education 458 may be substituted in the Industrial Arts curriculum.

Music

One year of General Language is required in this curriculum.

Speech

[6] Speech 345 is required in the junior year in some curricula.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The emphasis is upon creative work in design, color, and drawing, and their many applications, with courses in history and appreciation as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, History 138, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 237, 238, 236
Art 234, 226, 233
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344

Requirements for a Minor in Art:

Elementary Grades Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 124 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(1) Secretarial Studies

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (2) (Year)
Penmanship 120

Junior Year

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)

(2) Accounting

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (2) (Year)
Penmanship 120

Junior Year

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T, Commerce 340I
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Minor Subject (Year)

(3) Accounting and Secretarial Studies

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112[1] or Commerce 210, 211, 212
Commerce 123, 124, 125[1] or Commerce 223, 224, 225
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230[1], 231, 232
Social Science 233, 234, 235
Physical Education (2) (Year)
Penmanship 120

Junior Year

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T, Commerce 340I
Commerce 340S
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)

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[1] Exempt by passing placement test.

Requirements for a Minor in Commerce;

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce; accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students majoring in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students majoring in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR

English 121, 126, Hygiene 120
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, English 340
English 343, 344, Art 351
English 346, 347, 348

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451

NOTES: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239) may be used as the minor subject. English 346, 347, 348 may be used by juniors or seniors for credit toward a minor in English.

D. FOREIGN LANGUAGE (Latin)

FRESHMAN YEAR

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Elective, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

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* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, Hygiene 120, Geography 130
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Geography 221
Minor Subject (Year)
Geography 233 (43), 231, 236
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Geography 340
Minor Subject (Year)
Geography 343 (32), 345, 344 (or 447 or 448)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Social Science 354, 355, Elective

Requirements for a Minor in Geography:

For the elementary grades or department teachers, Geography 120, 130, 221, 233, 236, and 340; for high school teachers, Geography 120, 130, 221, 233, 236, and 447.

F. HOME ECONOMICS

Freshman Year

Art 130, 131, Hygiene 120
Home Economics 101, 102, Botany 120
English 120, 121, 125
Chemistry 130, 131, 132
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 202, 203 (343), 247
Home Economics 201, 232, Botany 235
Physical Education (2) (Year)

Junior Year

Education 345, Home Economics 301, Art 344
Social Science 330, Physics 322, Home Economics 350
Home Economics 346, 345, 340
Home Economics 344, Elective, Elective

Senior Year

Speech 345, Education 458, 343
Teaching 441, 442, 443
Social Science 453, Home Economics 304, 446
Elective (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203 (343), 232, 247.

G. INDUSTRIAL ARTS

Freshman Year

English 120, 121, 125
Industrial Arts 134, 136 (135), 150 (57)
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
Physical Education (2) (Year)

Junior Year

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts 345 (2 hrs.), 365 (2 hrs.), 350, 355
Education 343, 344, Industrial Arts 363 (463)
Social Science 233, 234, Speech 345

Senior Year

Elective (Year)
Industrial Arts 444 (2 hrs.), 448 (348), 449 (354)
Education 345 or 458
Teaching 441, 442, 443
Elective (10 hrs.)

Notes: 1. An academic minor is required.
2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.
3. One of the three quarters in student teaching is required in the minor subject.
4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

Freshman Year

English 120, 121, 125
Elective (Year)
Mathematics 120, 132, 133
Mathematics 130, 131, 134
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (2) (Year)

Junior Year

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343 (36), 344 (35), 345

Senior Year

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134; Mathematics 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

Freshman Year

Music 123, 124, 125 (20, 21, 22) (6 q. h.)
Applied Music (6 q. h.)
English 120, 121, Hygiene 120
General Language 130, 131, 132
Physical Science or Biological Science (Year)
Physical Education (2) (Year)
Library 120 (1)

Sophomore Year

Music 230, 231, 232
Music 236, 237, 238 (6 q. h.)
Applied Music (6 q. h.)
Education 230, 231, 232
Social Science (8 q. h.), Elective (1 quar.) or
Minor Subject (Year)
Physical Education (2) (Year)

Junior Year

Music 351 (26), 352 (27), 353
Music 336, 337, 338 (43) (6 q. h.)
Applied Music (6 q. h.)
Music 228, 340, 347 (2 q. h.), 339 (2 q. h.)
Education 343, Speech 345, Education 345

Senior Year

Music 449 (338), 450 (45), 451 (6 q. h.)
Applied Music (6 q. h.)
Teaching 441, 442, 443
Minor Subject (Year) or Social Science (8 q. h.), Adv. Elective (1 quar.)
Elective (Year)

Notes: 1. Electives must include one quarter's work in literature.

2. Two quarters of history or social science are required in the sophomore year or the senior year.

3. Applied music (24 q. h.) including two years of Piano and two years of Voice is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

4. A student may be excused from any Instrumental Technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

5. Participation in the college music organizations each year of residence is required.

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, (338) Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades, as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449 (338) 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 236, 237, 238, 336, 337, 338, 339 (three to five quarters); Music 449 (44), 450 (45), 347, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION (For Men)

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Anatomy 225, Physical Education 226 (34, II), 227 (34, III)
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Physical Education 350 (39), 340
Physical Education 347 (36), 348 (38), 349 (37)
Physical Education 344 (31), Physiology 345, Elective
Education 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452 (44), 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)

K. SCIENCE (Biological)

NOTE: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) BOTANY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 446
Zoology 230, 231, 232 (or Zoology 343, 344, 345)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)

NOTE: Botany 345 may be substituted for Botany 446 with permission of the instructor.

(2) ZOOLOGY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132
English 120, 121, 125
Mathematics 130, 131, 134
Physics 130, 131, 132
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)
Elective (Year) (Preferably Mathematics 235, 236, 228)
Physical Education (2) (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 344, 343

SENIOR YEAR

Teaching 441, 442, 443
Chemistry 450 (any quarter)
Elective (2 quarters)
Elective (Year)
Advanced Elective (Year)

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*Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for Biological Science Majors).

NOTE: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Biological Science (1 year Botany and 1 year Zoology), Foreign Language (German or French).

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 131, 132
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (2) (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters), Education 343
Elective (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics (24 quarter hrs.), Chemistry (24 quarter hrs.), Biological Science (1 year Botany and 1 year Zoology), Foreign Language (24 quarter hrs., preferably German).

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Elective, Elective, Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Education 345, 343, Social Science 340
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (Year)

SENIOR YEAR

Speech 345, Education 344, Elective
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356 or 453, 454, 455

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or one year of Government or Economics.

N. SPEECH

FRESHMAN YEAR

Speech 130, 131, 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters), Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Speech 233, 234, 235
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, 331 (31), 346 (45)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 444, 445, 435
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Speech:

Speech 130, 132, 233, 331 (31), 345, 444.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5. Holders of valid Lindly scholarships pay only $4.

Affiliated Rural Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts, one village school, consisting of an eight-grade elementary department and a four-year high school, and a four-year community high school.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Teachers selected for the affiliated schools must be approved by both the district and the college. A part of each rural school training teacher's salary is paid by the college.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the Director of Teacher Training. Freshmen in the two-year curriculum are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this college gradual participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students graduating from the two-year curriculum are required to take 100 clock hours of supervised student teaching. If the student does not receive an average grade of B in this teaching an additional 50 clock hours of teaching is required. All students graduating from four-year curricula are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to practice teaching see III under "Scholarship."

DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

124. Art for the Classroom Teacher.

An introductory course for students preparing to teach art in the elementary grades and rural schools. The principles of art, the divisions of the elementary school with educational and art set-up for each division, and the planning and creating of art problems which prove that art is a part of life and not apart from life are developed by lecture and laboratory work.

Required in the two- and four-year elementary curricula. Elective in other curricula. (4 hours.) Every quarter.

130. Introduction to Art.

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and four-year elementary curricula. Elective in other curricula. (4 hours.) Fall quarter.

131. Design I.

The application of decorative design and color to weaving, block printing, lettering, and posters.

Required in the art and home economics curricula. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Winter quarter.

132. Drawing I.

Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Spring quarter.

226. Life Drawing I.

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Winter quarter.

227. Lettering.

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective. (4 hours.) Spring quarter.

233. Drawing II.

Free-hand drawing of still life, flowers, landscape, in pen and ink, and pastel.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Spring quarter.

234. Design II.

Application of design and color principles to leather, metal, textile decorations, and other materials of school art industries.

Required in the art curriculum. Prerequisite: Art 131. (4 hours.) Fall quarter.

235. Costume Design.

The designing of costumes for various types, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Elective. Recommended in the art and home economics curricula. (4 hours.) By permission of instructor.

236 (138). History and Appreciation I.

A study is made of man's creative efforts in the visual arts, from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesapotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula. Elective in other curricula. (4 hours.) Fall quarter.

237 (236). History and Appreciation II.

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Winter quarter.

238 (237). History and Appreciation III.

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Spring quarter.

239. Modeling and Pottery.

The application of art principles to clay as a medium. The modeling of animals and figures, casting, and various processes of pottery making and finishing. Emphasis on structural and decorative design.

Elective. Recommended in the art and four-year elementary curricula. (4 hours.) Omitted 1941-42.

340. Methods in High School Art.

Extensive reference work, research, and organization are done, upon which the student builds his own conception of an art program suitable to an average high-school situation. Methods of presentation, adaptation to age levels, selection of problems, and standard achievement are studied.

Required in the art curriculum. (4 hours.) Spring quarter.

344 (144 and 444). Home Planning and Furnishing.

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131. Elective in other curricula. (4 hours.) Winter quarter.

345. Methods in Elementary School Art.

Practice in art processes adapted to different grade levels. Lesson, unit, and curriculum planning. Survey of art needs.

Required in the art curriculum. (4 hours.) Fall quarter.

346. Life Drawing II.

Advanced work with costume model with emphasis on composition. Various media are used.

Required in the art curriculum. (4 hours.) Winter quarter.

350. Painting.

Water color, tempora, and oils are used.

Required in the art curriculum. Elective in other curricula. (4 hours.) Spring quarter.

351. Art Backgrounds.

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

352. Landscape Painting I.

Opportunity is given for oil painting during the afternoon of each day under the direction of Paul Turner Sargent. Credit for four quarter hours may be earned, or course taken without credit. Cost of equipment about $7.50.

Elective. (4 hours.) Summer term.

354. Landscape Painting II.

Advanced work in landscape painting in oils with some opportunity for work on murals. May be taken without credit.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in Art.

A minimum of one quarter in the grades and one quarter in high school is required of art majors. One quarter each in the lower and upper grades and one in high school is recommended. Art 345 is prerequisite for teaching in the grades; Art 340 for high school. The first quarter of student teaching should be in the grades.

(4 hours for each course.) Every quarter.

447. Composition I.

The development of original work in decorative and pictorial design based on previous training in design, free-hand drawing, color, figure construction, and experience with various media.

Required in the art curriculum. (4 hours.) Fall quarter.

448. Composition II.

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum. (4 hours.) Winter quarter.

449. Commercial Design.

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum. (4 hours.) Spring quarter.

453. Psychology of Art.

The psychology of art as developed by research. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Standard and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula. (4 hours.) Winter quarter.

456. Stage Design.

Design and construction of scenery, costumes, make-up, lighting, puppetry, and masques.

Elective. Recommended in the art and speech curricula. (4 hours.) Spring quarter.

458. Art Seminar.

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Elective. (4 hours.) By permission of instructor.

COMMERCE

I. Typewriting

110. Typewriting.

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

(4 hours.) Fall and summer quarters.

111. Typewriting, Continued.

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110 or the equivalent. (4 hours.) Winter and summer quarters.

112. Typewriting, Continued.

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110, 111 or the equivalent. (4 hours.) Spring and summer quarters.

210. Advanced Typewriting.

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. (4 hours.) Fall and winter quarters.

211. Advanced Typewriting, Continued.

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 210 or the equivalent. (4 hours.) Winter and spring quarters.

212. Principles and Problems of Office Practice.

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor. Class limited to twenty-four. (4 hours.) Every quarter.

II. Shorthand

123. Shorthand.

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

(4 hours.) Fall quarter.

124. Shorthand, Continued.

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Commerce 123 or its equivalent. (4 hours.) Winter quarter.

125. Shorthand, Continued.

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Commerce 123, 124 or the equivalent. (4 hours.) Spring quarter.

223. Advanced Shorthand.

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 123, 124, 125 or the equivalent. (4 hours.) Fall quarter.

224. Advanced Shorthand, Continued.

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 223 or the equivalent. (4 hours.) Winter quarter.

225. Secretarial Practice.

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223 and 224. (4 hours.) Spring quarter.

III. Accounting

230. Accounting.

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to

give a thorough drill in the principles of accounting as applied to single proprietorship.

(4 hours.) Fall and summer quarters.

231. Accounting, Continued.

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Commerce 230 or the equivalent. (4 hours.) Winter and summer quarters.

232. Accounting, Continued.

Changing partnership books to corporation books is the work chiefly involved in this course. Emphasis is placed upon the technique of preparing financial and profit and loss statements.

Prerequisite: Commerce 230, 231. (4 hours.) Spring and summer quarters.

330. Cost Accounting.

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232. (4 hours.) Fall quarter.

331. Accounting Tax Procedure.

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Commerce 230, 231, 232. Not open to freshmen. (4 hours.) Winter quarter.

IV. Methods

340T. Methods of Teaching Typewriting and Office Practice.

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course will be granted.

(4 hours.) Fall quarter.

340S. Methods of Teaching Gregg Shorthand.

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course will be granted.

(4 hours.) Winter and summer quarters.

340B. Methods of Teaching Bookkeeping and Business Arithmetic.

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

(4 hours.) Spring quarter.

340 I. Methods and Materials for Teaching Introduction to Business.

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

(4 hours.) Spring and summer quarters.

441, 442, 443. Supervised Student Teaching in Commerce.

(4 hours for each course.) Every quarter.

V. General Business Courses

140. Business Mathematics.

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

(4 hours.) Winter and spring quarters.

141. Business Correspondence.

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121. (4 hours.) Spring quarter.

444. Foundations in Business Education.

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

445. Problems in Business Education.

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analyses; placement and follow-up of graduates; and vocational information and guidance.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

446. Business Law.

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

(4 hours.) Fall quarter.

447. Business Law, Continued.

This course is a continuation of Commerce 446 and considers insurance; bailments; carriers; sales; partnership; corporations; deeds of conveyance; mortgages; landlord and tenant; and business crimes.

(4 hours.) Winter and summer quarters.

448. Salesmanship and Advertising.

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling. Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

(4 hours.) Spring quarter.

VI. Penmanship

120. Penmanship.

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the two- and four-year elementary curricula and in the commerce curriculum. (1 hour.) Every quarter.

121. Manuscript Writing.

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in rural and elementary curricula. (1 hour.) Summer term.

EDUCATION AND TEACHING

I. Education

130. An Introduction to Education.

A comprehensive survey of the field of education. Especial attention is given to the development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

Required in the two- and four-year curricula for the preparation of elementary teachers. (4 hours.) Fall and winter quarters.

131. Introduction to Educational Psychology.

This is a beginning course and does not assume previous study of psychology. The major topics dealt with are the methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene and individual differences.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130. (4 hours.) Winter and spring quarters.

132. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to child psychology.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130 and 131. (4 hours.) Spring quarter.

223. Principles of Education with Special Reference to the Elementary School.

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

224. Directed Study and Observation of Teaching.

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management, such as establishing classroom routine, maintaining good discipline, teaching pupils to control themselves, providing a favorable physical environment, supervising the physical welfare of pupils, caring for materials and apparatus, keeping records and making reports, encouraging regular and punctual attendance, and directing extra-curricular activities, are taken up. Problems pertaining to instruction, such as planning lessons, directing study, directing the recitation, and evaluating the results of teaching are also considered. Numerous observations in the Training School are an integral part of the course.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

225. Primary Education.

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

Required in the two and four-year elementary curricula for the lower grades. Elective in the two-year rural curriculum. Prerequisite: Twelve quarter hours in education. (4 hours.) Spring quarter.

228. Reading.

This course covers briefly the development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the two- and four-year elementary curricula. Prerequisite: 3 quarters of education. (4 hours.) Every quarter.

230. An Introduction to Education.

The topics taken up are the same as in Education 130, but special attention is given to topics pertaining to the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. (4 hours.) Fall quarter.

231. Introduction to Educational Psychology.

The topics covered are the same as in Education 131.

Required the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230. (4 hours.) Winter quarter.

232. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to adolescent psychology.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230 and 231. (4 hours.) Spring quarter.

343. Principles of Education with Special Reference to the Secondary School.

The topics dealt with are the same as in Education 223, but special attention is given to their implications for the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

344. Tests and Measurements.

About one-third of the time is devoted to educational statistics, with emphasis upon the applications of the various techniques that are presented. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: sixteen quarter hours in education. (4 hours.) Every quarter.

345. Directed Study and Observation of Teaching.

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the four-year curriculum for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

446. Modern Trends in Education.

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested. Topics such as the following are illustrative of the kind that may be taken up: curriculum building; progressive education; the guidance movement; financing education; academic freedom; educational research in special fields, such as reading, visual education, radio in education.

Elective. Prerequisite: sixteen quarter hours in education. (4 hours.) Fall and summer quarters.

447. Social Psychology.

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the four-year elementary curriculum. Elective in other curricula. Prerequisite: sixteen quarter hours in education. (4 hours.) Spring and summer quarters.

448. School Organization and Administration.

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. The first half of the course gives an understanding of the problems of administration to enable all members of an organization to cooperate with those in final administrative authority in the formulation of policies. The second half of the course presents the problems of the elementary and high-school principal in organizing and administering schools.

School law and finance as well as current educational problems receive attention in this course.

Elective. Prerequisite: sixteen quarter hours in education. (4 hours.) Winter quarter.

449R. Current Rural Problems.

An analysis of current social issues as they affect the welfare of country and village people. The approach of these issues is made through the medium of current farm periodicals and two books: "A Study of Rural Society" by Kolb and Brumer, and "Readings Related to Agriculture" by Hamlin. Agricultural planning is discussed. Typical problems to be discussed are: How may rural people modify habits and institutions to advance the common welfare? What is the function of the rural teacher in the process of social change in rural America?

Elective in the four-year rural curriculum. Prerequisite: sixteen quarter hours in education. (4 hours.) Omitted 1941–42.

450. Special Educational Problems.

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested. Through individual conference with the instructor and research in his own field, the student studies the topics which most vitally concern him in his teaching experience.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor. (4 hours.) Summer term.

451. Abnormal Psychology.

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

452. School Law.

This course takes up the principles of case law applicable to practical problems of school administration. It is intended for school superintendents, principals, and supervisors concerned with the administration of public schools.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

453. Extra-Curricular Activities.

The aim of this course is to discover and set up guiding principles for pupil participation in the life of the school. The following activities are considered: Home room and class organization, student council, school clubs, athletic association, state contests, school publications, music clubs, dramatics, social parties, extra-curricular finances. Special consideration is given to two important supplementary school agencies, Boy Scouts and Girl Scouts. In a laboratory period following the class hour, the men of the class are taken through the "Elements of Scoutmastership" to qualify as scoutmasters. For this work they will be awarded the training certificate of the Boy Scouts of America. A similar laboratory period is offered for the women of the class. Students are invited to bring all material available in their own school that bears on the topics of the course.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

454. Techniques of Guidance.

The course includes analysis of the principles underlying guidance, interpretation of the role of the teacher in the guidance program, and careful study of the techniques of guidance.

Elective in the four-year curricula. Prerequisite: Education 230, 231, 232, 343, and 344. (4 hours.) Summer term.

455. Mental Hygiene.

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent. (4 hours.) Summer term.

458. History of Industrial Arts and Home Economics in Education.

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted. (4 hours.) Winter quarter.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the director of teacher training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221, 222. Supervised Student Teaching in the Grades.

Required in the two-year curriculum for preparation of teachers for the grades. Teaching 222 elective if B average is made in Teaching 220 and 221. (4 hours for each course.) Every quarter.

441, 442, 443. Supervised Student Teaching in the Major or Minor Subjects.

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject. These courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all four-year curricula. (4 hours for each course.) Every quarter.

ENGLISH

NOTE: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

120, 121. Composition.

A course in the fundamentals of good speaking and writing. Creditable work in English 120, 121 is a prerequisite to teaching in the Training Schools. Credit for English 120, 121 may be earned in one, two, or more quarters according to individual progress. Students who complete English 121 when registered for English 120 may substitute another English credit for English 120, being counted excused from English 120.

Required in all curricula. (4 hours for each course.) Every quarter.

121J. Journalism I.

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in *The Teachers College News.*

Prerequisite: English 120. Accepted for English 121. (4 hours.) Winter quarter.

122. Literature in the Grades.

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the two- and four-year curricula for lower grades. (4 hours.) Winter, spring, and summer quarters.

123. Story-Telling.

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124. (4 hours.) Summer term.

124. Methods in Composition and Literature in Upper Grades.

The teaching of composition and literature in the upper grades is covered as fully as time permits, including discussion of materials, purposes, standards, theme-topics, correcting of compositions, literature in the grades, and methods of teaching. This course is especially recommended to students interested in intermediate, upper grade, or junior high school work.

Prerequisite: English 120 and 121. Required in the two- and four-year curricula for the upper grades unless English 126 is taken. (4 hours.) Spring and summer quarters.

125. Introduction to Literature.

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124 or English 122 may be substituted by these students if they wish to teach at the end of two years. Required in four-year high-school curricula, except the English and commerce curricula. (4 hours.) Spring quarter.

126. Grammar.

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the two and four-year elementary curricula for the upper grades unless English 124 is taken; required in the English curriculum. (4 hours.) Every quarter.

141. Business Correspondence.

(See description under "Commerce.")

230, 231. Nineteenth Century Prose Fiction.

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

English 230 required in the English curriculum. English 231 elective. Prerequisite: English 230 to English 231. (4 hours for each course.) English 230, fall quarter; English 231, winter quarter. Summer term.

234. American Literature.

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

Required in the English curriculum. (4 hours.) Spring and summer quarters.

235. Greek Drama.

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Elective. Prerequisite: English 120, 121, 125. (4 hours.) Fall and summer quarters.

236. Shakespeare and the Elizabethan Drama.

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum. (4 hours.) Winter and summer quarters.

237. Modern Drama.

The purpose of this course is to familiarize the student with what is best in modern drama.

Elective. (4 hours.) Spring and summer quarters.

239. Dramatics.

A study of the presentation of plays including the reading of contemporary dramas, the production of at least one play, and the dramatization of an episode or a short story. Some instruction in the coaching of plays is given.

Elective. Accepted for English 237. (4 hours.) Summer term.

340. Methods of Teaching English in the High School.

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum. (4 hours.) Spring quarter.

343. Contemporary Literature.

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall and summer quarters.

344. Advanced Rhetoric.

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Prerequisite: Junior College required English. Required in the English curriculum. Elective in other curricula. (4 hours.) Winter and summer quarters.

344J. Journalism II.

This course is designed to train students in the effective expression of problems of student life. Opportunity is afforded for original work. The present-day newspaper and its relation to contemporary life are discussed.

Prerequisite: English 121J or the equivalent. (4 hours.) Spring quarter.

345. Public Speaking.

(See description of course under Speech 345.)

346, 347, 348. English Poetry.

Appreciation of the art of poetry, and a study of some of the chief English poets, as they illustrate the art. Beowulf to Chaucer; Milton to Burns; Nineteenth Century Poetry.

Required in the English curriculum. Elective in other curricula. (4 hours for each course.) English 346, fall quarter; English 347, winter quarter; English 348, spring quarter. Summer term.

441, 442, 443. Supervised Student Teaching in English.
(4 hours for each course.) Every quarter.

449. The Essay.
This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.
Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

450, 451. History of the English Language and Literature.
The development of the English language from Anglo-Saxon to the language of today traced concurrently with the history of English literature.
Prerequisite: English 126 or its equivalent. Required in the English curriculum. Not open as elective in other curricula except by special permission of the head of the English department. (4 hours for each course.) Winter and spring quarters.

FOREIGN LANGUAGE

Latin

123. Introductory Latin Reading.
Review of Latin grammar; exercises; practice in sight translation.
Prerequisite: Two years of Latin in high school. (4 hours.) Fall quarter.

124. Orations of Cicero.
Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.
Prerequisite: Latin 123. (4 hours.) Winter quarter.

125. Vergil's Aeneid.
Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.
Prerequisite: Latin 124. (4 hours.) Spring quarter.

230. Cicero's Essays, Selections from De Amicitia and De Senectute.
Class discussion centers around the philosophical views set forth in these works.
Prerequisite: Four years of Latin in high school or two years of Latin in high school and Latin 123, 124, 125. (4 hours.) Fall quarter.

231. Horace, Selections from the Odes, Satires, and Epistles.
Special attention is paid to the poet's philosophy and to various poetic translations of the works of Horace.
Prerequisite: Latin 230. (4 hours.) Winter quarter.

232. Livy, Selections from Books I, XXI, and XXII.
Sources and authenticity of Livy's history.
Prerequisite: Latin 231. (4 hours.) Spring quarter.

340. Methods of Teaching Latin.

Required. Prerequisite: Three years of college Latin. (4 hours.) Spring quarter.

343. Ovid, Selections from Tristia, Heroides, Amores, Fasti, Metamorphoses.

The life and times of Ovid; Roman and Greek mythology.

Required. (4 hours.) Fall quarter.

344. Latin Composition.

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required. (4 hours.) Winter quarter.

345. Medieval Latin.

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Latin.

(4 hours for each course.) Every quarter.

446. Roman Comedy.

The *Menaechmi* or *Captivi* of Plautus; the *Phormio* or *Andria* of Terence.

Required. (4 hours.) Omitted 1941-42.

447. Selections from Martial and Catullus.

Required. (4 hours.) Omitted 1941-42.

448 (237). Latin Literature in Translation.

A survey of Latin literature in English translations made by noteworthy authors. Lectures supply the background for the masterpieces read. The English Department recognizes this as a substitute for English 235 (Greek Drama in Translation) and by special arrangement with the head of the English Department for certain other courses. There is no Latin prerequisite.

Required. (4 hours.) Omitted 1941-42.

General Language

130. Italian.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Fall quarter.

131. French.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Winter quarter.

132. German.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Spring quarter.

French

130, 131, 132. First Year French.

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

233, 234, 235. Second Year French.

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Prerequisite: Two years of high-school French or one year of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

343, 344, 345. Third Year French.

Selected dramas of Molière, Beaumarchais, Marivaux, Hugo, and Rostand. Modern poetry. Reading of moderately difficult texts. Frequent reports on suggested topics; weekly reports of outside reading. Oral themes; conversation.

Prerequisite: Two years of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

German

230, 231, 232. First Year German.

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

Elective. Not open to freshmen. No credit toward graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

333, 334, 335. Second Year German.

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn, Minna von Barnhelm,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the four-year elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of Physical and Commercial Geography in high school.

Geography 120 and 221 are required of all students who major or minor in geography. Other courses should be selected after consultation with the head of the department.

120. Principles of Geography.

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the grades. Elective in other curricula. (4 hours.) Every quarter.

221. Climatology.

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the upper grades. Elective in other curricula. (4 hours.) Every quarter.

Note: Studies of the continents lead to an understanding of the industrial and commercial development and possibilities of geographic regions.

130. Geography of North America.

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120. Elective in other curricula. (4 hours.) Spring and summer quarters.

231. Geography of South America.

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective in other curricula. (4 hours.) Winter quarter.

233. Physiography.

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required in the geography curriculum. (4 hours.) Fall and summer quarters.

236. Elements of Geology.

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the four-year elementary curriculum and the geography curriculum. (4 hours.) Spring quarter.

340. Methods of Teaching Geography.

A study of the principles involved in the selection, organization, and presentation of geographic material for elementary and secondary schools according to the individual needs of the class.

Required in the geography curriculum. (4 hours.) Spring quarter.

343 (32). Geography of Europe.

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective. (4 hours.) Fall and summer quarters.

345. Geography of Asia.

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Prerequisite: Geography 130, 231, 343. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Geography.

(4 hours for each course.) Every quarter.

446. Urban Geography.

A detailed study of the location, growth, decline, and characteristics of cities as influenced by the natural environment.

Prerequisite: Geography 120, 221. (4 hours.) Spring quarter.

447. Economic Geography.

An advanced course for teachers of commercial geography in high school.

No prerequisite. Open only to students of the Senior College. (4 hours.) Winter quarter.

448. The Conservation of Natural Resources.

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

No prerequisite. Open only to students of the Senior College. (4 hours.) Spring quarter.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum G) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal aid under the Smith-Hughes Law. It has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 201, 202, 203, 301, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 232 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. Costume Selection and Personality.

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fee 50 cents. Fall and winter quarters.

102. Elementary Nutrition.

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fall and winter quarters.

201. Textiles.

Useful information, suggestions, and directions concerning textile fibers, yarns, and fabrics on the market today. A study of the operation and care of the sewing machine.

Required. Prerequisite: Home Economics 101. (4 hours.) Fee 50 cents. Fall and spring quarters.

202. Food Preparation.

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required. Prerequisites: Home Economics 102; Chemistry 130, 131, 132. (4 hours.) Fee $2.00. Fall and spring quarters.

203 (F343). Advanced Food Preparation.

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee $2.00. Winter and spring quarters.

232. Clothing Construction.

Fundamental principles of clothing construction and renovation. Use of sewing machine attachments.

Required. Prerequisites: Home Economics 101, 201. (4 hours.) Fee 50 cents. Winter quarter.

247. Family Relationships.

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required. Elective in other curricula. (4 hours.) Spring quarter.

301. Meal Planning and Table Service.

Application of food selection, marketing, and the principles of cookery to the serving of meals to both small and large groups of people.

Required. Prerequisites: Home Economics 102, 202, 203. (4 hours.) Fee $2.00. Winter and spring quarters.

304. Advanced Clothing.

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required. Prerequisites: Home Economics 101, 201, 232. (4 hours.) Fee 50 cents. Fall and spring quarters.

340. Methods of Teaching Home Economics.

The organization of home economics in schools with a study of philosophy, objectives, curricula, course of study, content, methods of instruction, and measurements.

Required in the home economics curriculum. (4 hours.) Spring quarter.

344. Nutrition and Dietetics.

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required. Prerequisites: Home Economics 102; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee $2.00. Fall and spring quarters.

345. Home Management.

A study of factors which make for the physical well-being and optimum development of the family and individuals within the family. An opportunity for practical application of principles involved is offered by residence in the Home Management House.

Required in the junior year of the home economics curriculum. (4 hours.) Every quarter.

346. Child Development.

A study of factors involved in the physical, mental, social, and emotional development of children.

Required. Prerequisite: Home Economics 247. (4 hours.) Fall quarter.

350. Consumers' Education.

A study of the consumers' problems in the present-day markets; factors influencing consumers' demands; standardization and informative labeling.

Required. Elective in other curricula. Prerequisite: Social Science 330. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Homemaking Subjects.

Required. (4 hours for each course.) Every quarter.

446a. Home Nursing.

The first half of the course is a study of the principles governing the location, furnishings, and care of the sick room, care of patients, and first aid.

Required. Elective in other curricula. (2 hours.) Spring quarter.

446b. Special Problems in Home Economics.

A problem is selected and independently developed by the student. This problem may be chosen from any of the fields in home economics: clothing and textiles, foods and nutrition, child development, household management.

Required. (2 hours.) Spring quarter.

INDUSTRIAL ARTS

134. Bench Woodwork.

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of woodfinishing. This course is for men; Industrial Arts 230 is for women. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, winter, and summer quarters.

135. Intermediate Woodwork.

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A thorough study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 134. Fee $2.00. (4 hours.) Winter and spring quarters.

136 (135). General Metal.

In this course manipulative skill is developed in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, hammering, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered in this course. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, winter, and summer quarters.

150. Applied Electricity.

This course attempts to meet consumer's needs regarding electricity. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, and the repairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.50 (includes all supplies). (4 hours.) Fall and winter quarters.

224. Primary Grade Handwork.

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the two-year and four-year elementary curricula. Fee $2.00. (4 hours.) Fall, spring, and summer quarters.

225. Intermediate Grade Handwork.

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the two-year curriculum unless Industrial Arts 224 is taken. Required in the four-year elementary curriculum. Fee $2.00. (4 hours.) Winter and summer quarters.

226. Sheet Metal.

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required of majors. Fee $2.00. (4 hours.) Spring and summer quarters.

230. Woodwork for Women.

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Elective. Fee $2.00. (4 hours.) Summer term.

231 (131). Mechanical Drawing I.

This course includes instruction in instrumental practice, lettering, make-up of titles, geometrical construction, techniques of drafting, orthographic projection, including auxiliary and sectional views, the development of surfaces, and pictorial representations. Two class discussions and 6 hours laboratory work each week.

Required. Fee $1.50 (includes drawing paper). (4 hours.) Fall quarter.

232 (452). Mechanical Drawing II.

This course is a continuation of Industrial Arts 231 and includes treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. The analysis of projects and shop sketching receive special attention. Complete drawings of machines are made. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 231. Fee $1.50 (includes drawing paper). (4 hours.) Winter quarter.

259 (359). Printing I.

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, spring and summer quarters.

260 (460). Printing II.

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 259. Fee $2.00. (4 hours.) Winter, spring and summer quarters.

275. Woodturning.

In this course a study is made of the operation and care and repair of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 134 or shop work approved by instructor. Fee $1.50. (2 hours.) Fall quarter.

336 (236). Millwork.

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 135. Fee $2.00. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Industrial Arts.

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required. Prerequisite: Industrial Arts 134, 136, and 231. (4 hours.) Spring quarter.

345. Industrial Arts Design.

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134, 136, and 232. (2 hours.) Fall quarter.

350. Housing I.

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation, insulation, and a study of principles of construction. A modern house is planned and working drawings are begun. Two class discussions and 6 hours laboratory work each week.

Required. Fee $1.50 (includes drawing paper). (4 hours.) Winter quarter.

355. Housing II.

This course is a continuation of Industrial Arts 350. The study of principles of construction is continued, and a study of the legal phases of building, such as permits, specifications, contracts, and mechanic's liens is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 350. Fee $1.50 (includes drawing paper). (4 hours.) Spring quarter.

361 (461). Linotype Operation and Maintenance.

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine.

Four hours of classwork and 4 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 260. Fee $3.00. (4 hours.) Spring and summer quarters.

363 (463). Traffic Efficiency and Automobile Driving.

Owing to the increased use of the automobile and the great number of automobile accidents, instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts; accidents, their cause and prevention; driving regulations; the art of driving; inspection and maintenance of the automobile; and points to consider in the purchase of an automobile. Individual driving lessons are given.

Required. Fee $2.50. (4 hours.) Spring and summer quarters.

365. Woodfinishing.

This is a special course in woodfinishing. The course includes preparation of wood, staining, varnishing, painting, fuming, lacquering, and polychroming.

Required. Prerequisite: shop work approved by instructor. Fee $1.50 (includes supplies). (2 hours.) Fall quarter.

380. Concrete Work.

This course involves a study of concrete and its uses. Skill is developed in the handling of tools used in concrete work.

Elective. Fee $1.00. (2 hours.) Omitted 1941-42.

437 (237). Machine Woodwork.

This is a course involving furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

Elective. Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. Fee $2.00. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Industrial Arts.

The student spends one hour each day in observing and participating in teaching. Another hour each day is spent in conferences, preparing teaching plans, and studying other pertinent data. Two of the three quarters of teaching are spent in industrial arts subjects and the third quarter is done in the minor field.

(4 hours for each course.) Every quarter.

444. Saw Fitting.

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134 and 336. Fee $1.25 (includes supplies). (2 hours.) Fall quarter.

448 (348). Machine Metal Work.

This course presents the basic principles of machine work and their application on the engine lathe. The operation, care, adjustment, and repair of machine shop equipment is included. Two class discussions and 6 hours of laboratory work each week.

Required. Fee $2.50. (4 hours.) Fall and summer quarters.

449 (354). Advanced Machine Metal Work.

This course covers the fundamental principles of machine work, with applied laboratory work on the drilling machine, milling machine, and shaper. Instruction and practice in oxyacetylene welding are included. Two class discussions and 6 hours of laboratory work each week.

Required. Fee $2.50. (4 hours.) Spring and summer quarters.

451. Organization of Subject Matter.

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Elective. Prerequisite: Industrial Arts 340. (2 hours.) Any quarter.

457. General Shop. (Farm Mechanics.)

In this course considerable latitude is allowed the student for the designing and constructing of a special project of his choice. 8 hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Elective. Prerequisite: Industrial Arts 136, 226, 232, 448, and 449. Fee $2.00. (4 hours.) Summer term.

THE USE OF THE LIBRARY

Certain courses offered in the College require considerable work in the library, including reading, and looking up references, and assigned topics. To do this work with the wisest expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some common reference books. Lessons, required of all students, are given in the freshman year of all curricula. An effort is made to have these lessons prepare for library work required of students in other courses.

120. The Use of the Library.

Freshmen who have completed Library XI in the Teachers College High School are excused from all but the last four lessons of Library 120. They should register for Library 120 (XI), given in the first four weeks of the winter quarter.

Required in the freshman year of all curricula. (1 hour.) Every quarter.

MATHEMATICS

120. The Science, Psychology, and Teaching of Number.

This course deals with the science, psychology, and teaching of number and its processes and applications. Special attention is given to the subject matter and the technique of teaching mathematics in the first six grades.

Required in the two- and four-year elementary curricula; also required in the mathematics curriculum. (4 hours.) Every quarter.

121. Mathematics in the Upper Grades.

The primary object of this course is to prepare teachers of mathematics for the upper grades of the elementary school. The subject matter of those grades is discussed from the standpoint of the psychological and scientific development and of its use. In presenting this subject matter, methods of teaching are used that can be readily adapted to the upper grades.

Required in the two- and four-year elementary curricula. (4 hours.) Winter, spring, and summer quarters.

130 (31). Algebra and Trigonometry.

Three hours a week are devoted to college algebra and one hour to trigonometry. Review of elementary reductions, graphs, the function idea, linear and quadratic equations, systems of equation, second and third order determinants, exponents, logarithms. Topics from trigonometry include solution of right triangles and oblique triangles, and elementary relations among the trigonometric functions.

Required. Prerequisite: One year or more of high school algebra. (4 hours.) Fall quarter.

131 (32). Algebra and Trigonometry.

A continuation of Mathematics 130. The binomial theorem, progressions, inequalities, complex numbers, compound interest and annuities, permutations and combinations, probability, elementary theory of equations. Topics from trigonometry to include identities, trigonometric equations, inverse functions, radian measure, De Moivre's Theorem.

Required. Prerequisite: Mathematics 130. (4 hours.) Winter quarter.

132 (30). Solid Geometry.

This is a course in Euclidian solid geometry.

Required of those who have not had solid geometry in high school. Prerequisite: Plane geometry. (4 hours.) Fall quarter.

133 (37). Field Work.

A course in elementary applications of mathematics. Theory and use of the slide rule, construction of computation charts, use of the steel tape, construction and use of the angle mirror, hypsometer, clinometer, use of sextant and transit, elementary problems in surveying, construction and use of a plane table, determination of a meridian. The object of the course is to show the possibilities for enriching high-school mathematics courses.

Required. Prerequisite: Mathematics 130 or high school trigonometry. (4 hours.) Spring quarter.

134. Analytic Geometry.

The geometry of the straight line, circle, parabola, ellipse, and hyperbola. Parametric equations.

Required. Prerequisite: Mathematics 130. (4 hours.) Spring quarter.

228. College Geometry.

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required. (4 hours.) Spring quarter.

235. Calculus.

Introduction to the Differential Calculus.

Required. Prerequisite: Mathematics 134. (4 hours.) Fall quarter.

236. Calculus.

Introduction to the Integral Calculus.

Required. Prerequisite: Mathematics 235. (4 hours.) Winter quarter.

340. Methods of Teaching High-School Mathematics.

Required. (4 hours.) Spring quarter.

343 (36). Algebra.

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required. Prerequisite: Mathematics 235. (4 hours.) Fall quarter.

344 (35). Analytic Geometry.

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required. Prerequisite: Mathematics 343 or its equivalent. (4 hours.) Winter quarter.

345. Calculus.

An extension of Mathematics 235 and 236.

Required. Prerequisite: Mathematics 236. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in High-School Mathematics.

(4 hours for each course.) Every quarter.

446, 447, 448. Differential Equations; Advanced Calculus.

I. Differential Equations. An introduction to the study of ordinary and partial differential equations with applications to geometry and mechanics. First half year.

II. Advanced Calculus. Second half year.

Prerequisite: Mathematics 235, 236, 345. (4 hours for each course.) Fall, winter, and spring quarters.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on page 66.

In order to meet the needs of the music teacher the following outline of applied music is required. It may be noted that the minimum requirements for all majors are two years of piano and voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	15 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	6 quar. hours

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* Instrumental class hours excused may be added.

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice. Credit is assigned by the instructor at the close of each course.

133, 134, 135. The first, second, and third quarter's work in Piano, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or French Horn.

(1 or 2 hours.) Every quarter.

233, 234, 235. The fourth, fifth, and sixth quarter's work in applied music subjects.

(1 or 2 hours.) Every quarter.

343, 344, 345. The seventh, eighth, and ninth quarter's work in applied music subjects.

(1 or 2 hours.) Every quarter.

453, 454, 455. The tenth, eleventh, and twelfth quarter's work in applied music subjects.

(1 or 2 hours.) Every quarter.

II. Class Methods of Instruction

126, 127, 128. Class Instruction in Piano.

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in

applied music. Stress is placed on the development of ability to play simple melodies and accompaniments, including sight-reading.

(1 hour for each course.) Fall, winter, and spring quarters.

136, 137, 138. Class Instruction in Voice.

This course is for students who enroll in first year voice. The course is designed to help the student secure a background of fundamental vocal techniques.

(1 hour for each course.) Fall, winter, and spring quarters.

Instrumental Class Methods.

The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed.

236, 237. Violin Class Methods.

(2 hours for each course.) Fall and winter quarters.

238. Violoncello and Contra-bass Class Methods.

(2 hours.) Spring quarter.

336. Woodwind Class Methods—Clarinets.

(2 hours.) Fall quarter.

337. Brass Class Methods—Trumpet and Horn.

(2 hours.) Winter quarter.

338. Woodwind Class Methods—Flute, Oboe, and Bassoon.

(2 hours.) Spring quarter.

339. Brass and Percussion Methods—Trombone, Baritone, Tuba, and Drums.

(2 hours.) Spring quarter.

III. Theory and History of Music

123, 124, 125. Sight-Singing and Ear-Training.

Development of skills in sight-reading through a study of materials of the elementary school and the high school. Includes work in oral and written tonal dictation leading to a sense of tonality and comprehension of the musical vocabulary. Emphasis is placed on harmonizing simple melodies at the piano keyboard.

(2 hours for each course.) Fall, winter, and spring quarters.

229. Music Appreciation.

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many

favorite selections from the great music literature are made familiar through hearing and analysis.

(4 hours.) Fall and winter quarters.

230, 231, 232. Harmony.

A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Prerequisite: Music 125. (4 hours for each course.) Fall, winter, and spring quarters.

347. Orchestration.

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups is required.

Prerequisite: Music 232. (2 hours.) Spring quarter.

351, 352, 353. History and Appreciation of Music.

The first two courses emphasize the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The third quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

(4 hours for each course.) Fall, winter, and spring quarters.

449 (338). Elementary Choral Conducting.

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

(2 hours.) Fall quarter.

450. Advanced Conducting.

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Prerequisite: Music 449. (2 hours.) Winter quarter.

IV. Music Education

120. Elements of Musicianship.

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the two- and four-year elementary curricula. Not open to students who have credit for Sight-Singing, Ear-Training, and Aural Theory. Prerequisite to Music 228. (4 hours.) Fall, winter, and spring quarters.

227. Music in Rural Schools.

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Characteristics of the child voice through the elementary school period; the off-tune singer. The Iowa Phonograph-Choir Plan. Rhythmic development of children; eurhythmics; singing games; rhythm bands. Part-singing. Development of music reading ability. The program of appreciation through listening experiences. Problems of supervision.

(2 hours.) Summer term.

228. Music in Elementary Schools.

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

Required in the music curriculum and in the four-year elementary curriculum. Prerequisite in the four-year elementary curriculum: Music 120. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Music in High Schools.

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

(4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Music.

Supervised experience in teaching the various activities of the vocal and instrumental music program in the campus elementary and secondary schools.

(4 hours for each course.) Fall, winter, and spring quarters.

451. Music Supervision.

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria are given for evaluating music instruction, and methods of improving the music teaching of grade, rural, and high school teachers. The problems of supervision are surveyed.

Prerequisite: Music 228 and at least one quarter of music teaching. (2 hours.) Spring quarter.

452. Psychology of Music.

A study of psychological concepts of musical factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the musical instruments.

Open to seniors or others by permission of instructor. (4 hours.) Summer term.

V. Music Organizations and Activities

College A Cappella Choir.

A group of men and women chosen by means of voice tests. The choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly. (1 hour credit for each quarter's work; not counted toward graduation.)

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week. (1 hour for each quarter's work; not counted toward graduation.)

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsals each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Symphonic Band.

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Three rehearsals are held each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Orchestra.

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Three rehearsals each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Recitals.

Each student is required to play or sing a suitable piece at least two times during the year on a Student Recital program. Valuable experience is thus gained through public performance. Attendance by all music minors and majors is required for these recitals as well as other music events sponsored by the Department of Music. The Head of the Department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, two hours a week for two years, is required. Students must take this work in the freshman and sophomore years. The courses consist in elementary work in the following activities:

- Gymnastics
- Tumbling
- Apparatus work
- Softball
- Basketball
- Volleyball
- Golf
- Tennis

The required work in Physical Education is also offered in the summer term.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Credit earned in the required courses in physical education is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

Equipment. Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition.

Professional Courses

120. Sport Technique in Tennis, Golf, Archery, and Badminton.

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports.

Required. (4 hours.) Fall quarter.

121. Elementary Gymnastics.

This course includes the theory and practice of gymnastics, tumbling stunts, calisthenics, and marching. Methods of teaching these activities, care of apparatus, mats, and technique of spotting.

Required. (4 hours.) Winter quarter.

122 (121). Outdoor Recreational Sports.

The rules, technique, and strategy are studied and practiced in soccer, touch football, volleyball, and softball; also teaching and appreciation of these sports.

Required. (4 hours.) Spring quarter.

226. Physical Education Activities for Elementary, Junior, and Senior High Schools.

This course includes the study and practice of the physical education activities for the different age levels; including the organization, management, and methods in the leadership of the various activities.

Required. (4 hours.) Winter quarter.

227. Physical Education and Health Education in Elementary, Junior, and Senior High Schools.

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students; evaluation of various methods and procedures; also the relationship of activities to the health program.

Required. (4 hours.) Spring quarter.

340. Methods and Materials for Teaching Physical Education.

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required. (4 hours.) Spring quarter.

344. Kinesiology.

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Anatomy 225. (4 hours.) Fall quarter.

347. Basketball Coaching.

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required. (4 hours.) Fall quarter.

348. Football Coaching.

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required. (4 hours.) Spring quarter.

349. Track and Field Coaching.

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required. (4 hours.) Spring quarter.

350. Baseball Coaching.

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Physical Education in the High School and Elementary School.

(4 hours for each course.) Every quarter.

451. Principles of Physical Education.

A review of the historic background of physical education is given to trace the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relation of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives in physical education are considered.

Elective. (4 hours.) Fall quarter.

452. Physical Education Administration and Supervision.

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications; the planning of courses of study; the construction, equipment, and upkeep of gymnasia and playfields; records, interschool relations, and the intramural program.

Elective. (4 hours.) Winter quarter.

453. Advanced Gymnastics.

This course is designed for those who wish to take advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, use of the lunging belt and safety devices; organization for public demonstrations.

Elective. (4 hours.) Winter quarter.

PHYSICAL EDUCATION FOR WOMEN

Physical Education, two hours a week for two years, is required. **Students must take this work in the freshman and sophomore years.** This is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

The required work in Physical Education is also offered in the summer term.

Freshmen

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythm Analysis. An understanding of the fundamentals of rhythm as applied to bodily movement. An opportunity for expression and satisfaction of bodily movement through rhythmical activities including folk dancing and social dancing.

(1 hour.) Winter quarter.

Tap Dancing. Analysis of the fundamental tap steps, application of these into tap routines and finally actual learning of tap dances. Emphasis is put on rhythmical training and the opportunity for expression and satisfaction of bodily movement through a rhythmical activity.

(1 hour.) Winter quarter.

Sports. Baseball, tennis, golf. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Spring quarter.

Sophomores

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythms for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of rhythmic activities used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of games used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Rhythms for the Junior and Senior High School.

This course is required of all students planning to teach in the Junior or Senior High School. The purpose is to give instruction in the choice, use, and presentation of folk dances, tap dances, and rhythmic activities used in the Junior and Senior High School and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Junior and Senior High School.

This course is required of all students planning to teach in the Junior and Senior High School. The purpose is to give instruction in the choice, use, and presentation of games for the Junior and Senior High School and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Requirements for a Minor in Physical Education for Women

Note 1: Required courses are: Anatomy 225, Physical Education 346, Physical Education 451. Three other courses to be chosen from Physical Education 231, 232, 343, 344, 450, 454. (Anatomy 225 should precede all other courses, and Physical Education 451 should be the last course taken. Other courses may be taken in any order.)

Note 2: Students taking a minor in physical education are required to participate in the activities of the Women's Athletic Association each year of residence.

225. Anatomy. (See course description under Zoology.)

231. Methods of Teaching Games in Elementary School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the elementary school.

(4 hours.) Winter and summer terms.

232. Methods of Teaching Games in High School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the high school.

(4 hours.) Spring and summer terms.

343. Technique of Baseball and Tennis.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Spring quarter.

344. Leadership in Recreation.

This course is planned for the purpose of training leaders in the recreation field. Objectives, methods, and content are discussed, observed, and practiced. The theory of leadership, recreational activities, organization of girls' clubs, the conduct of parties, community recreation, playground supervision, and hobbies are studied.

(4 hours.) Fall or spring quarters.

346. Dance in Education.

Fundamentals in rhythm analysis as applied to the teaching of rhythm in the physical education program. This course includes the analysis of dance steps, the fundamentals of rhythmical knowledge as applied to bodily movement, and methods in teaching.

Required. Prerequisite: Rhythm analysis in winter term of freshman year. (4 hours.) Winter quarter.

450. Technique of Basketball and Volley Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Winter quarter.

451. Principles of Physical Education.

The relation of physical education to general education; the guiding principles upon which the program of physical education is based. The student groups set up definite situations for which they build physical education curricula for elementary and secondary schools.

Required. (4 hours.) Spring quarter.

454. Technique of Archery, Soccer, Field Ball, and Speed Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of rules preparatory to teaching them.

(4 hours.) Fall quarter.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. Hygiene and Sanitation.

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

Required in all curricula. (4 hours.) Every quarter.

345. Physiology.

A study of the basic physiological principles is followed by experimental studies of muscle nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Anatomy 225. Elective in other curricula. (4 hours.) Winter quarter.

346. Physiology.

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345. (4 hours.) Spring quarter.

II. Botany

Botany 120, 121, 122 has been designed first as a contribution to the general education of a student who does not take further courses in the biological sciences. A definite attempt is made to develop the ability to make accurate observations and to evaluate critically first-hand data in the solving of problems; to understand environment and its effect upon living organisms; to know the important groups of plants in his community and to be able to identify many species; and to use the laboratory tools and to attain some proficiency with the techniques of a science laboratory.

These courses are equally fundamental for those who major or minor in botany or zoology, for those who continue in graduate work, and for those who wish the experience of a year of laboratory science that is of value after graduation.

120. General Botany.

A course designed to give the student a knowledge of the fundamental physiological processes concerned in the growth of plants, and of the external and internal structures which are concerned in these processes in leaves, stems, and roots. It includes also the effects of environment on these processes and structures.

Required in the two-year curriculum, unless Zoology 123 (or 120) or Botany 121 or 122 is taken. Elective in other curricula. (4 hours.) Every quarter.

121. General Botany.

A study of the reproduction of flowering plants, the development of fruit and seeds from the parts of the flower, the mechanism of heredity, and a brief study of the great groups of plants.

Required. Prerequisite: Botany 120. (4 hours.) Winter and summer quarters.

122. General Local Flora and Plant Ecology.

An introduction to the geographic and physiographic ecology of North America. The identification of trees in winter and summer condition, of the common fresh water algae, liverworts, mosses and ferns, and of flowering plants as the season advances; and a study of structures which is necessary for the recognition of these forms. The course is designed especially for those who expect to teach biological science in secondary schools.

Required. Prerequisite: Botany 120, 121, or permission of the instructor. (4 hours.) Spring and summer quarters.

230. The Morphology of Green Plants.

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups. The course consists mostly of laboratory work.

Required. Prerequisite: Botany 120, 121. (4 hours.) Fall quarter.

231. Introduction to Fungi and Plant Diseases.

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required. Prerequisite: Botany 120, 121. (4 hours.) Winter quarter.

232. Economic Botany.

The relation of vegetation centers to crop centers; the effect of environment factors on the production of carbohydrates, fats, fibers, and other plant products; the value of micro-organisms in the important economic practices carried on by their use; the control of the life processes of plants with special reference to the cultural practices in the art of agriculture and in industry. This is not a laboratory course, but some field trips are required.

Required. Prerequisite: Botany 120, 121. (4 hours.) Spring quarter.

235. Microbiology.

A study of the occurrence, numbers, and distribution of the bacteria and other fungi; the culture and isolation of bacteria and other fungi; the microbiology of foods, water, and sewage; the economic uses of the activity of micro-organisms.

Prerequisite: Botany 120 and one year of chemistry. Required of home economics majors and open to other students of junior or senior standing. It is a desirable unit in a botany minor. (4 hours.) Every quarter.

340. Methods of Teaching Botany.

The course includes methods of teaching high-school botany and also the collection and preparation of material for demonstration and laboratory in high-school botany.

Required. Prerequisite: Two years' work in college botany. (4 hours.) Spring quarter.

343. Microtechnic.

A course designed for the purpose of giving the student a knowledge of the preparation of botanical material for class use and for the making of microscopic slides. It is desirable that students in this course shall have had a year of chemistry.

Required. Prerequisite: Botany 120, 121, 122, and 230, or the equivalent. (4 hours.) Winter quarter.

344. Experimental Plant Physiology.

A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth of plants.

Required. Prerequisite: One year of chemistry and Botany 120, 121. (4 hours.) Fall quarter.

345. Advanced Botany.

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Elective. Prerequisite: Five quarters of botany and the instructor's permission. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Botany.

(4 hours for each course.) Every quarter.

446. Plant Anatomy and Wood Identification.

A critical study of the development of the tissues of the leaves, stems, and roots of the seed plants; their common ecological variations and hereditary types. A study is made of the structure of the wood of trees with special reference to the anatomy necessary for wood identification.

Required. Prerequisite: Botany 120, 121, 122. (4 hours.) Spring quarter.

III. Zoology

The courses offered in the zoology department are designed to serve three general purposes: (1) to enable students to develop a well-rounded knowledge of the field of zoology, sufficient to meet the requirements of a major or minor subject; (2) to give a knowledge of materials and methods for the teaching of science in the elementary school as well as in the high school; (3) to enable the student to fulfill the requirement of a year of laboratory science.

Zoology 120, 121, 122 form a year's work which has several definite aims. The introduction and use of the scientific method is stressed, and an effort is made to install it as a part of the student's mental habits. A survey of all the varied fields of zoology is given in these courses and emphasis is placed on those fundamental principles which may be directly applied to the student's own life. The importance of the knowledge of certain general principles to the solution of some of our social problems is advanced. Finally, a knowledge is given of those animals which are found in our environment and which may merely hold our attention or seriously affect our economic status.

The remaining courses in the department are designed to give a more detailed knowledge of the field of zoology to those who desire to make it a major or minor field of study. This enables them to teach the subject or to continue in graduate work.

120. Animal Biology.

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Required. (4 hours.) Fall and summer quarters.

121. Animal Biology.

This course is concerned with the various types of reproduction in animals and with genetics and eugenics.

Required. Prerequisite: Zoology 120 or equivalent. (4 hours.) Winter and alternate summer quarters.

122. Animal Biology.

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, and evolution are considered. Students enrolled in this course must either buy or rent a set of dissecting instruments.

Required. (4 hours.) Spring and summer quarters.

123. Nature Study.

This course is designed to meet the biology requirement of the two-year curriculum. Its aim is to give a background for the teaching of nature study in the grades. It replaces the former requirement of Zoology 120. The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

Required in the freshman year of the two-year curriculum unless Botany 120 is taken. Accepted for Zoology 120. (4 hours.) Spring quarter.

124. Nature Study.

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter of the course. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

125. Nature Study.

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

225. Anatomy.

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula. (4 hours.) Fall quarter.

230, 231, 232. Vertebrate Zoology.

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology, 232, with birds and mammals.

Required. Prerequisite: Zoölogy 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

340. Methods of Teaching Zoology.

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required. (4 hours.) Spring quarter.

343, 344, 345. Advanced Zoology.

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied. It prepares for teaching biological science in the upper grades or high school.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

441, 442, 443. Supervised Student Teaching in Zoology.

(4 hours for each course.) Every quarter.

446. Microtechnic.

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Any quarter.

447. Animal Behavior.

Theoretical and experimental studies of the reactions of animals to various stimuli.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1941-42.

448. Animal Ecology.

A study of various animal associations and the effects of environmental conditions.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1941-42.

449. Special Problems in Zoology.

Students who have had three years' work in zoology may elect this course. With the consent of the instructor a problem which is of interest to the student is selected to give training in original work in the field of zoology. Weekly conferences with the instructor guide the student and a written report of the work is required at the end of the quarter.

Elective. Prerequisite: Three years of work in zoology. (4 hours.) Any quarter, with the permission of the instructor.

IV. Biology

The year's work is an integrated course covering the fundamentals of botany and zoology. The course is planned to acquaint the student, who presumably will take only one year of biological science, with the basic principles of that science. The course is organized on the premise that a course emphasizing living processes in general, interdependence of living things, life histories, and economic importance will be of far more value to students who are not majoring in the biological sciences than a necessarily more narrow course in either botany or zoology. The definite aims considered in the organization of the course prevent biology from becoming a chaotic or confusing body of information, and in the year's work much is done in developing a scientific attitude in the solution of problems.

Plant and animal structures and modifications are studied. This is followed by a study of the metabolic processes in which consideration is given to the food and energy relations of living things. Reproduction, the laws of heredity, and embryology are the next units considered. Then follows a study and general survey of the great groups of the plant and animal kingdoms. The year's course in biology is made more vital and interesting to the student by field trips, in which are studied local flora and fauna, sewage disposal, and water filtration as well as other biological factors which directly influence the lives of people living in an organized society.

126, 127, 128. General Biological Science.

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the four-year elementary curriculum. Elective as a year of laboratory science in any four-year curriculum. Does not count as a part of a minor in botany or zoology. (4 hours for each course.) Fall, winter, and spring quarters.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132 or 150, 151, 152). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450, or 451, or 452 (one quarter) unless Chemistry 446, 447, 448 is elected is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

The first course in chemistry is planned as a year's work in laboratory science for both the students who will take no more science and the ones who go on. This work is basic to all other chemistry courses and for anyone who seeks knowledge in the fields of biological or medical science. It is also very important to anyone wishing to understand something of the tremendously important part chemistry plays in our modern economic and social system.

Those who offer a year course in High School Chemistry on entrance should take the placement examination and register in Chemistry 150, 151, and 152 in place of Chemistry 130, 131, and 132.

130. Elementary Chemistry.

An introduction to many of the basic ideas and principles of the science. Such fundamentals as atomic structure, molecular combination, periodic table, oxidation and reduction, equilibria, etc., are studied and used as a foundation for developing an understanding of chemistry.

Open to students who have had no high school chemistry. (4 hours.) Fall quarter.

131, 132. Elementary Chemistry.

A continuation of Chemistry 130. The remainder of the nonmetals, the simpler carbon compounds and the more common metals are studied. The work on the metals is supplemented by an introduction to qualitative analysis in the laboratory during the spring quarter.

Open to students who have had no high school chemistry. Prerequisite: Chemistry 130. (4 hours for each course.) Winter and spring quarters.

150, 151, 152. General Chemistry.

A survey of the field of chemistry covering the same general material as in Chemistry 130, 131, and 132 but in greater detail. Greater stress is laid on the applications of chemistry to present-day life, and more time is devoted to organic chemistry than is possible in the other courses.

Prerequisite: A satisfactory course in high school chemistry. (4 hours for each course.) Fall, winter, and spring quarters.

210, 211a. Organic Chemistry for Home Economics Majors.

A short course in organic chemistry covering the basic principles and the more important compounds. Introductory to biochemistry.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131, 132 or Chemistry 150, 151, 152. (6 hours.) Fall and winter quarters.

211b, 212. Biochemistry.

The organic and biochemistry of foods, digestion, and other phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210 and 211a or 343 and 344. (6 hours.) Winter and spring quarters.

233. Qualitative Analysis.

The chemistry of the metals and the principles involved in their separation and determination.

Required. Prerequisite: Chemistry 130, 131, 132, and Physics 130 or Physics 130 may be taken concurrently. (4 hours.) Fall quarter.

234a. Qualitative Analysis.

A continuation of Chemistry 233. Anion analysis.

Required. (2 hours.) Winter quarter.

234b. Quantitative Analysis.

Calibration of apparatus and an introduction to volumetric analysis.

Required. Prerequisite: Chemistry 233. (2 hours.) Winter quarter.

235. Quantitative Analysis.

Continuation of Chemistry 234b and gravimetric analysis.

Required. Prerequisite: Chemistry 234. (4 hours.) Spring quarter.

300. Photography.

The general theory and use of the camera and its various parts, the emulsion, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition, etc., are studied. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera. (4 hours.) Winter and summer quarters.

340. Methods of Teaching Chemistry.

Required. (4 hours.) Spring quarter.

343, 344, 345. Organic Chemistry.

A study of the aliphatic and aromatic series and the principles of organic chemistry.

Required. Prerequisite: Chemistry 130, 131, 132. (4 hours for each course.) Fall, winter, and spring quarters.

360. Colloids.

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry.

Elective. Prerequisite: Two years of college chemistry, part of which should include organic chemistry. (4 hours.) Fall quarter.

441, 442, 443. Supervised Student Teaching in Chemistry.

(4 hours for each course.) Every quarter.

446, 447, 448. Physical Chemistry.

A study of fundamental physical properties governing chemical reactions.

Elective. Prerequisite: Chemistry 233, 234, 235; Physics 130, 131, 132; Mathematics 235 and 236. (Mathematics 345 and Chemistry 343, 344, 345 are desirable.) (4 hours for each course.) Fall, winter, and spring quarters.

450, 451, 452. Advanced Chemistry.

Laboratory technique, maintenance and repair of apparatus such as that found in the average high-school laboratory, and use of the literature of chemistry are developed in the student by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department. One quarter's work is required of all chemistry majors.

Chemistry 450 is required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Any quarter, by permission.

II. Physics

The first year in physics is planned to give the whole field of physics in perspective. It is to serve as the ground work for physics majors and minors by giving a first acquaintance to all departments of the field, thus preparing for the more specialized work to follow. It is also planned to meet the needs of students who wish to take it as the required course in laboratory science for its general cultural value. An effort is made to interpret physical environment in terms of general laws so that one can understand natural phenomena in an ordered fashion. Also an appreciation for scientific method is emphasized in order to give impetus to clear and unprejudiced thinking.

130, 131, 132. First Year of College Physics.

Physics 130, mechanics and heat; Physics 131, magnetism and electricity; Physics 132, light and sound.

Required. (4 hours for each course.) Fall, winter, and spring quarters.

235. Mechanics and Heat.

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

236. Light.

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

237. Electron Physics.

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

Required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Winter, fall, and spring quarters.

238. Sound.

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing. A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music. (4 hours.) Summer term.

322. Household Physics.

This course is especially designed for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home. A considerable part of the laboratory work deals with household appliances.

Required in the home economics curriculum. (4 hours.) Winter quarter.

343. Radio.

A study is made of the principles underlying radio communication. The course includes a study of some typical circuits used in receiving sets and a detailed study of the function of inductance, capacitance, and resistance in electric circuits. Types of vacuum tubes are discussed.

In the laboratory, electrical measurements of parts and assembled units are made. This includes taking characteristic curves of vacuum tubes.

Elective. Prerequisite: Physics 131. (4 hours.) Fall and summer quarters.

340, 441, 442, 443. Methods and Supervised Student Teaching in Physics.

Required. (4 hours for each course.) Physics 340, spring quarter; Teaching 441, 442, 443, every quarter.

344. Electrical Measurements.

A laboratory course with experiments on high precision measurements. Potentiometer measurement of potential, current and resistance. Ballistic galvanometer measurements of quantity and capacity. Alternating current bridge. Electro-chemical measurements. Magnetization and hysteresis measurement. Insulation resistance measurement.

Elective. Prerequisite: Physics 131. (4 hours.) Summer term.

348. Mechanics, Theory.

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Fall quarter.

349. Heat, Theory.

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130. (4 hours.) Winter quarter.

350. Electricity and Magnetism, Theory.

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Spring quarter.

451. Light, Theory.

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry. (4 hours.) Omitted 1941-42.

452, 453. Modern Physics.

A survey of basic experiments and theories of modern physics. Radio-activity; discharge of electricity through gases; X-rays; photo-electricity; the structure of matter and the periodic table; matter and radiation.

Prerequisite: Physics 130, 131, 132, and trigonometry. (4 hours for each course.) Omitted 1941-42.

III. Physical Science

100, 101, 102. Physical Science.

This is a survey course in chemistry and physics in which the basic principles of both sciences are studied. The appreciation of the changes brought about in our daily life by the development and application of the physical sciences is stressed. Attention is largely directed toward those phases most likely to be encountered in the elementary school.

Required in the four-year elementary curriculum. Elective as a year of laboratory science. It may not be counted toward a minor in chemistry or physics. (4 hours for each course.) Fall, winter, and spring quarters.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 1 year of economics or sociology; 340 and 411, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; and 346, 347, 348, or Social Science 363, 364, 365 or 354, 355, 356.

137. Greek Civilization.

This course includes a brief survey of the civilizations of the Nile, Tigris, and the Euphrates valleys. The chief emphasis is on the early Greek settlements, their colonial expansion, the development of their economic and political institutions, their cultural life, and their contributions to the development of civilization.

Required. (4 hours.) Fall quarter.

138. Roman History.

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

Required. (4 hours.) Winter quarter.

139. Medieval Europe, 500 to 1500 A. D.

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

Required. (4 hours.) Spring quarter.

233. History of the United States, 1492-1824.

A brief survey of American exploration and colonization against the European background, with a more intensive study of the formation of the Union and the foundation of traditional American policies.

Required. (4 hours.) Fall quarter.

234. History of the United States, 1824-1876.

Jacksonian Democracy and the beginnings of the modern pattern of political action; sectionalism and the westward movement; the Civil War and its aftermath.

Required. (4 hours.) Winter quarter.

235. History of the United States, 1876 to the Present.

Development of industrial America and origins of present-day social and economic problems: movements for liberal reform; the World War and post-war problems, ending with an attempt to evaluate the New Deal.

Required. (4 hours.) Spring quarter.

239 (49). History of the Latin-American Nations.

The chief events in the early settlement and the colonial period of their history, including an account of the administration and social, economic, and intellectual conditions under the old regime. The story of the revolutionary period and the establishment of national independence. An account of their political and constitutional struggles, their economic and cultural development, their international problems, and especially their economic and political relations with the United States.

Elective. Prerequisite: Sophomore classification. (4 hours.) Summer term.

240. Methods of Teaching Social Science in the Elementary Schools.

A course considering the organization, content, and presentation of social science in the elementary school. Reviews of texts and workbooks, extra-curricular activities, the historical museum, and field trips are considered.

Elective in rural and elementary curricula. (4 hours.) Summer term.

330. Modern Economic Problems.

The nature and varieties of economic behavior. The important concepts of the subject are business organization and accounting, the individual business man and the corporation, the control of corporations, capitalism, production, distribution and consumption, price theory and market tactics, competition, conditions and the significance of imperfect competition, the problems of labor and wages, the economic position of the farmer, standards of living and our economic behavior, and the government and business.

Required in the industrial arts and home economics curricula. (4 hours.) Fall quarter, home economics majors; winter quarter, industrial arts majors.

340. Methods of Teaching Social Sciences.

The characteristics of the social sciences and their place in the public school curriculum; training in methods of study; kinds and use of illustrative material; selection and use of collateral reading; critical examination of representative textbooks; examination and appraisal of classroom procedures.

Required. (4 hours.) Spring quarter.

343. The History of England to 1603.

Early settlement of the British Isles; Roman occupation; Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

344. History of England, 1603-1830.

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum. Elective in other curricula. (4 hours.) Winter quarter.

345. The History of the British Empire, 1830 to the Present.

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the World War and its consequences.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

346. History of Europe, 1500-1789.

The New World, colonization and trade rivalry; the Reformation and revolt from the Church; the predominance of Spain, the rise of France and the long struggle between France and the Hapsburgs and between France and England; the development of the British Empire; the rise of Prussia and Russia; the Intellectual Revolution.

Required. (4 hours.) Fall quarter.

347. History of Europe, 1789-1871.

The French Revolution and the era of Napoleon; the Industrial Revolution; the revolutionary movements in Europe; the unification of Italy and of Germany; the rapid expansion of commerce; the increasing prominence of India, China, and Japan; the development of science and education.

Required. (4 hours.) Winter quarter.

348. History of Europe, 1871 to the Present.

The development of nationalism; commercial and colonial rivalry and military and naval rivalry; the Triple Alliance, the Triple Entente; the causes of the World War and the revolution in the methods of warfare; the treaties of peace and the League of Nations; the revolutionary movements since the World War.

Required. (4 hours.) Spring quarter.

354. Principles of Economics.

Basic characteristics of the economic order; free private enterprise and capitalistic organization of industry; the operation of the existing economic order; price as influenced by competition, cost of production, monopoly, and public authority.

Required in the commerce curriculum. Elective in other curricula. (4 hours.) Fall quarter.

355. Principles of Economics, Continued.

The business cycle, determination of price level; position of the consumer; the labor bargain and the labor problem; the reward of capital and of business enterprise; the support of the state; international economic policies; monetary and financial problems.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354. (4 hours.) Winter quarter.

356. Money and Banking.

Money, currency, and credit; functions and qualities of money; banks, kinds of banks, their organization and functions; the Federal Reserve system and its functions; bank credit, the problem of its control; theories of value and prices; international connection of prices; the problem of the control of the price level.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354, 355. (4 hours.) Spring quarter.

363. State Government.

A study of the structure and functions of the government of the state. The course directs attention particularly to the government of Illinois. The obligations of good citizenship are stressed. The Constitution of Illinois is examined in detail. Suggestions concerning the technique of teaching government in high school are included in all the government courses offered in the college. Students are made familiar with desirable illustrative material and choice collateral reading.

Required. (4 hours.) Fall and summer quarters.

364. Local Government.

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units. The governments of typical cities, townships, and counties of Illinois are studied in detail. The obligations of good citizenship are stressed, with particular attention to the responsibilities of the teacher to his community.

Required. (4 hours.) Winter and summer quarters.

365. The National Government.

A study of the structure and functions of the national government of the United States, with particular attention paid to federal-state relationships. The development of federal institutions is traced. The Constitution of the United States is examined in detail. The obligations of federal citizenship are stressed.

Required. (4 hours.) Spring and summer quarters.

366. Political Parties and Politics.

A study of the development, organization, and functions of political parties in the United States. The significance of the political party, from local community to nation, is examined. The practical workings of political groups are studied, together with suggestions for desirable reforms and an examination of the part the individual citizen can play in securing these reforms.

Elective. (4 hours.) Omitted 1941–42.

367. International Relations of the United States.

A study of the place of the United States in the world community with particular attention to the methods and policies of the United States in dealing with foreign nations. The development of the machinery and spirit of international cooperation is traced.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in High School Social Science.

(4 hours for each course.) Every quarter.

453. The Community and Society.

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum. (4 hours.) Fall quarter.

454. Principles of Sociology.

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture and the social organization, social control, and social reform.

Elective. (4 hours.) Winter quarter.

455. Social Problems and Social Trends.

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Elective. (4 hours.) Spring quarter.

SPEECH

Requirements for a minor in Speech: Speech 130, 132, 233, 331 (31), 345, 444.

130. Fundamentals of Speech.

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required. (4 hours.) Fall quarter.

131. Dramatics for Elementary Grades.

This course presents dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects are taught. The problem of choice of plays is presented.

Required. (4 hours.) Winter quarter.

132. Voice and Diction.

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

Required. (4 hours.) Spring quarter.

233. Principles of Speech Correction.

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

Required. (4 hours.) Fall quarter.

234. Advanced Principles of Speech Correction.

Required. Prerequisite: Speech 233. (4 hours.) Winter quarter.

235. Choric Speech.

A study of the technique employed in choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required. (4 hours.) Spring quarter.

331 (31). Argumentation and Debate.

Principles and participation in class debates on subjects of current interest.

Required. (4 hours.) Winter quarter.

345. Public Speaking.

Through prepared talks and discussions this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed.

Required or alternative with English 344 in the junior year in all curricula. Prerequisite: Junior College required English. (4 hours.) Every quarter.

346 (45). Evolution of Oratory.

Present-day English and American public speaking are studied as an outgrowth of the past. Analyses are made of various types of model speeches at different periods, with emphasis on the present. Students are given practice in composing and delivering original orations.

Required. (4 hours.) Spring quarter.

435. Oral Reading.

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed. Most of the class time is devoted to student practice.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Speech.

(4 hours for each course.) Every quarter.

444. Play Production.

The student receives instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required. (4 hours.) Fall quarter.

445. Advanced Play Production.

Advanced technical studies and experience in stagecraft and directing.

Required. (4 hours.) Winter quarter.

PART III: LIST AND VIEWS SECTION

SUMMARY OF ATTENDANCE
COUNTIES REPRESENTED
OTHER STATES REPRESENTED
VIEWS SECTION
HONORARY FRATERNITIES
MEMBERSHIP
EPSILON PI TAU
KAPPA PI
KAPPA DELTA PI
KAPPA MU EPSILON
SIGMA TAU DELTA
THETA ALPHA PHI
PI KAPPA DELTA
PI OMEGA PI
GAMMA THETA UPSILON
GRADUATES—1940

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING JUNE 6, 1941

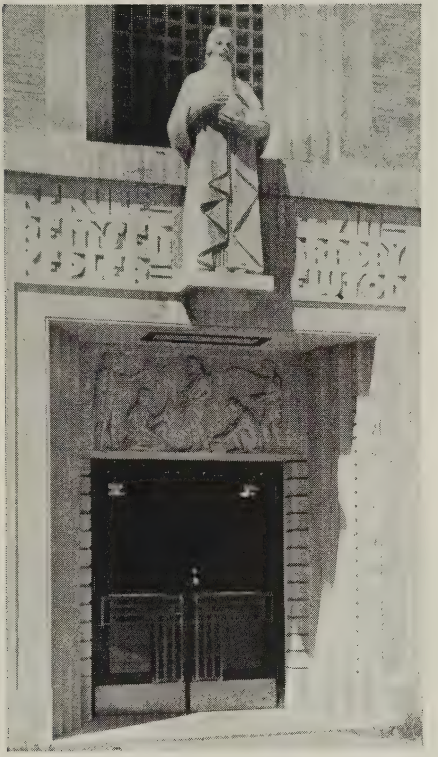
	Men	Women	Total	Total
Eight Weeks Summer Term, 1940	232	553	785	785
Regular School Year—September 9, 1940 to June 6, 1941:				
Teachers College:				
Senior College:				
Post-Graduate	2	0	2	
Seniors	60	57	117	
Juniors	105	100	205	
Total in Senior College	167	157	324	
Junior College:				
Sophomores	169	199	368	
Freshmen	234	266	500	
Total in Junior College	403	465	868	
Total in College	570	622	1,192	
Extension Students (exclusive of duplicates)	274	619	893	
High School:				
Post-Graduate	0	1	1	
Twelfth Year	27	37	64	
Eleventh Year	26	17	43	
Tenth Year	26	24	50	
Ninth Year	24	33	57	
Total in High School	103	112	215	
Total above the eighth grade	947	1,353	2,300	
Elementary Training School	114	126	240	
Total for the Regular Year	1,061	1,479	2,540	2,540
Total for the twelve months ending June 6, 1941				3,325
Counted twice (College only)	79	122		201
Grand Total of Students and Pupils				3,124

COUNTIES REPRESENTED—YEAR 1940-41

Bond
Champaign
Christian
Clark
Clay
Clinton
Coles
Cook
Crawford
Cumberland
DeWitt
Douglas
DuPage
Edgar
Edwards
Effingham
Fayette
Ford
Franklin
Grundy
Iroquois
Jasper
Jefferson
Jersey
JoDaviess
Kankakee
Knox
LaSalle
Lawrence
Livingston
Logan
Macon
Macoupin
Madison
Marion
McHenry
McLean
Menard
Montgomery
Morgan
Moultrie
Peoria
Piatt
Pulaski
Richland
St. Clair
Sangamon
Shelby
Tazewell
Vermilion
Wabash
Wayne
White
Will

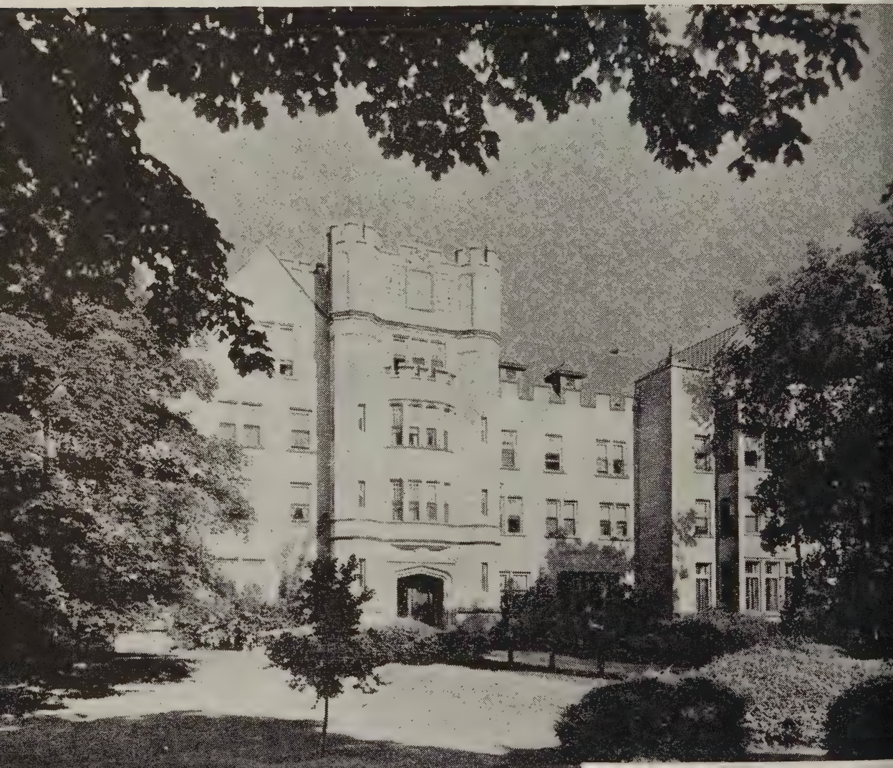
OTHER STATES REPRESENTED

Arkansas
California
Indiana
Iowa
Kansas
Michigan
Minnesota
Mississippi
Missouri
New Mexico
New York
North Carolina
Ohio
Oklahoma
Pennsylvania
Texas

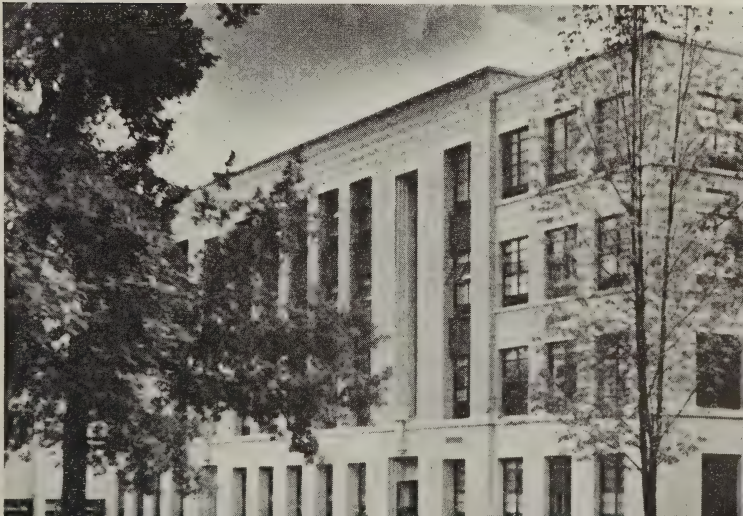


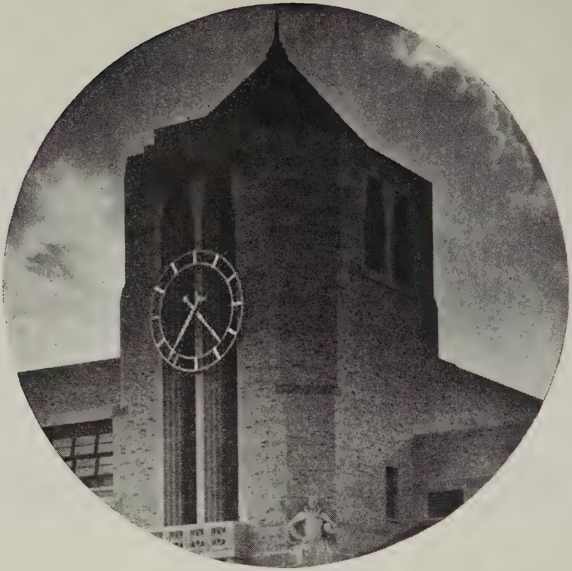
This bas-relief over one entrance to the new Science Building on the Eastern campus depicts the rise of man in spite of natural environment. The names of the great scientists alongside the stone figure are those of men who challenge the youth of today to take what has been discovered and carry it to greater horizons.

Above is the campus Elementary School, a part of the laboratory facilities for practice teaching. Pemberton Hall (below) is the campus home of 90 college women.



In this Health Education Building (above), which was dedicated on the Eastern campus in 1938, are gymnasiums for men and women and the college health service. Classrooms and laboratories for botany, chemistry, geography, hygiene, mathematics, physics and zoology are located in the new Science Building shown below.

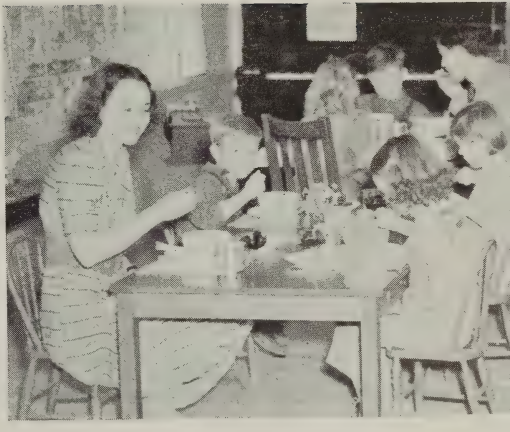




Overlooking the south campus is this tower on the Health Education Building. In the Practical Arts Building (below) are housed the industrial arts and home economics departments.

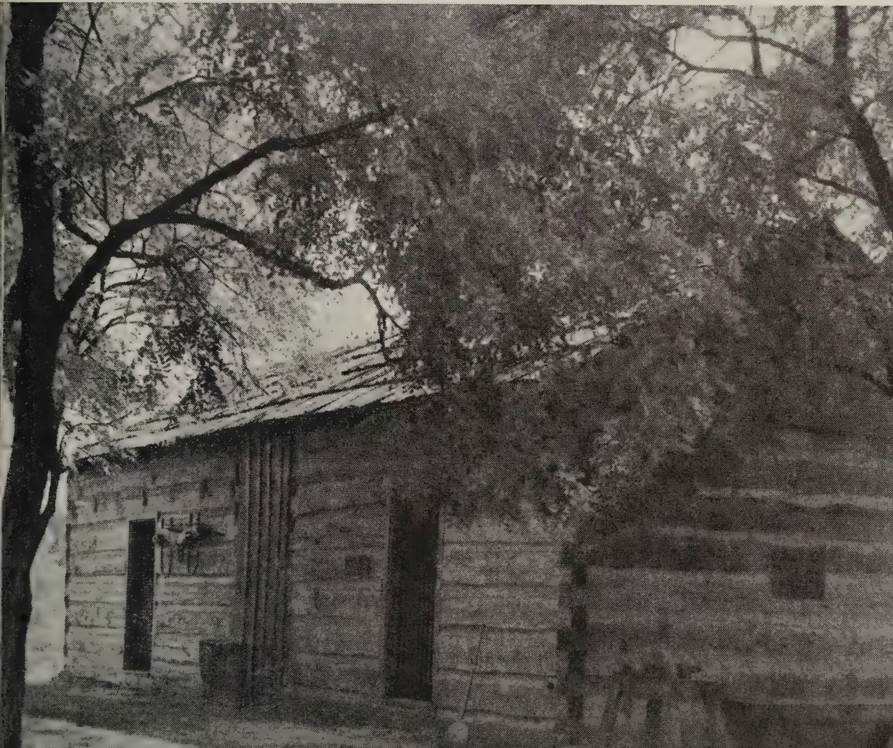
Practical Arts Building.

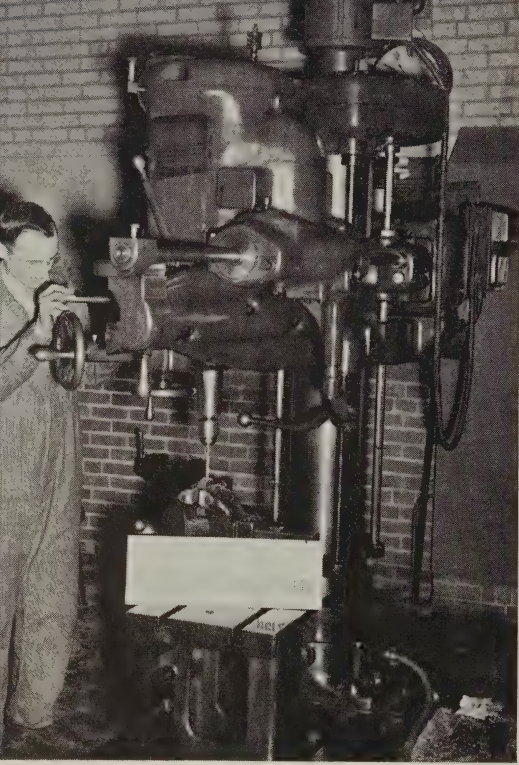
Interesting experiments, in
nich children are shown
rticipating above, are con-
cted with the assistance
student teachers. Hot
ionday lunches are served
affiliated rural schools
ight) where students get
ractical experience with
aching problems. Super-
sion of the library (below)
the campus Elementary
hool is a part of the train-
g offered students.



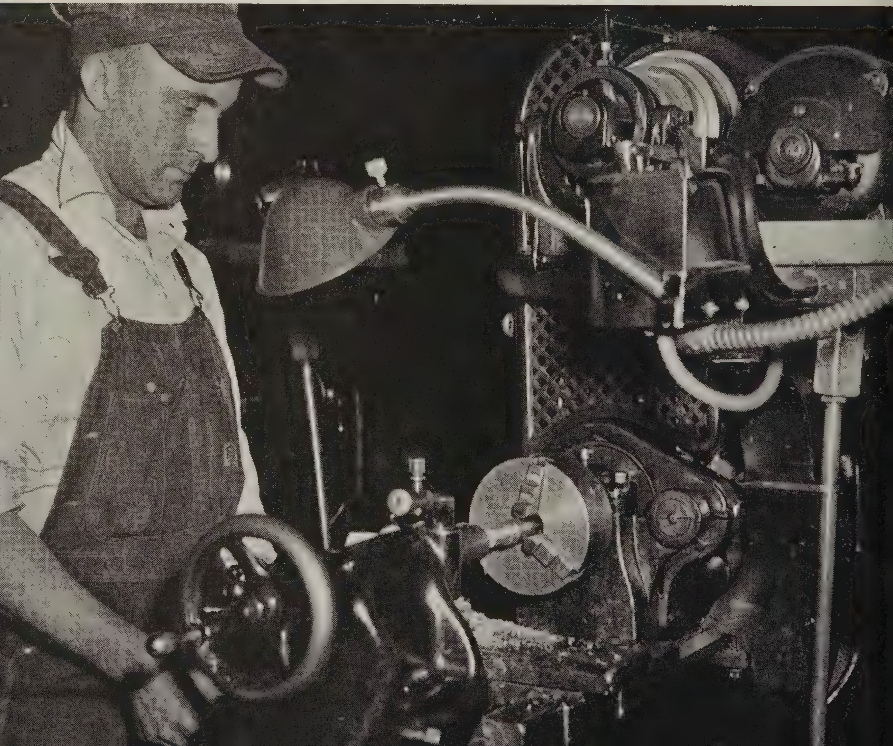
Washington's home at Mt. Vernon (top), the Lincoln Memorial in the nation's capital (right) and this schoolhouse (below) in the Southern Appalachians are some of the points on a 4800-mile route which will be taken by a college field study class during the 1941 summer term. Shorter field study tours are taken during the regular college year by students in many different departments.

eational facilities on the
n campus are augmented
e resources of scenic Fox
State Park, located on the
rass River seven miles
the college, and by the
n Log Cabin State Park
has been linked to the
s with a new nine-mile
h of highway. At right
of the trails at Fox Ridge.
is the reproduction of the
n home at the Lincoln Log
State Park.





Eastern's well-equipped
trial arts shops are operati
a 24-hour per day basis.
dents use the shops durin
day, while at night the
turned over for the use of
in the national defense tr
program. These men are
at work on one of the
shifts.



HONORARY FRATERNITIES—MEMBERSHIP

EPSILON PI TAU

Russell Snowden Barden	Senior	Goldsboro, N. Carolina
Charles Franklin Crites	Senior	Charleston
Dwight Max Dappert	Senior	Effingham
Wayne Vaughan French	Junior	Stewardson
Lowell Wilson Gordon	Junior	Tower Hill
John Owen Harlan	Senior	Charleston
Robert Leonard Johnston	Junior	St. Elmo
Paul Albert Maas	Senior	Olney
Robert Lewis McCumber	Junior	Villa Grove
Lloyd Francis Miller	Senior	Brownstown
Robert Lee Mirus	Senior	Charleston
Alfred Adelbert Redding	Junior	Springfield
Emil Spezia	Senior	Westville
Stanley Eugene Young	Junior	Indianola, Iowa

KAPPA DELTA PI

Agnes Irene Allison	Junior	Danville
Anna Rae Beal	Senior	Lancaster
Florence Louise Bixler	Senior	Sidell
Wendell Austin Blair	Junior	Paris
Inez Virginia Bubeck	Senior	West Union
Rex DeWayne Closson	Senior	Charleston
Rosemary Ann Donahue	Senior	Charleston
Carroll Lavern Endsley	Junior	Charleston
Edna Lucille Fogleman	Senior	Greenup
James Francis Giffin	Junior	Casey
Norma Janet Hollman	Senior	Charleston
Dorothy Marie Jensen	Junior	Neoga
Earl Lester Oliver	Junior	Charleston
Mary Inez Pinkstaff	Junior	Birds
Mabel Maxine Rennels	Junior	Charleston
Lois Elizabeth Shubert	Senior	Charleston
Joseph Stephen Zupsich	Junior	Mt. Olive

KAPPA MU EPSILON

Agnes Irene Allison	Junior	Danville
Wilma Mae Bond	Sophomore	Albion
John Earl Conley	Sophomore	Charleston
Sylvia Lucille Diel	Junior	Noble
Carroll Lavern Endsley	Junior	Charleston
David Fisher	Sophomore	Charleston
John Owen Harlan	Senior	Charleston
Martha Frances Husted	Sophomore	Gary, Indiana
Ervin George Kirchhofer	Senior	Shumway
Robert Bertis McCarthy	Sophomore	Flat Rock
Edwin Neil McKittrick	Sophomore	Charleston
Thomas Max Newell	Junior	Charleston
Charles Everett Pettypool	Sophomore	Bethany
Edward Gerald Rennels	Junior	Charleston
Mabel Maxine Rennels	Junior	Charleston
Orval Milliard Rice	Junior	Toledo
Lois Elizabeth Shubert	Senior	Charleston
Cecil Harold Werner	Sophomore	Pana
Edward Dean Wilson	Sophomore	Mattoon
Paul Edward Wright	Senior	Casey

KAPPA PI

Emily Ruth Bainbridge	Junior	Charleston
Inez Virginia Bubeck	Senior	West Union
Lottie Lucille Buss	Junior	Dundas
Mary Howell Elliott	Junior	Oblong
Mildred Louise Fulton	Junior	Charleston
Doris Eloise Hendricks	Junior	Hillsboro
Ellen Lee Henkle	Junior	Charleston
Anna May Marble	Junior	Sullivan
Vivian Juanita Nelson	Junior	Palestine
Delmar LeRoy Nordquist	Junior	Mattoon
John Wilbur Voigt	Junior	Mattoon
Ruth Lucretia Weakley	Junior	Gays

THETA ALPHA PHI

Leroy Thomas Adams	Junior	East St. Louis
Mary Ellen Bolin	Senior	Centralia
Mary Frances Gaumer	Junior	Danville
Harold Lee Hayes	Junior	Paris
Rosetta May Hyman	Senior	Decatur
Carolyn Love Kilgore	Senior	Danville
Irene McWilliams	Senior	Pawnee

SIGMA TAU DELTA

Alice Maxine Burton	Senior	Muncie
Elma Askins Fisher	Senior	Lakewood
Catherine Hughes	Junior	Maywood
Marguerite Little	Sophomore	Paris
Betty Nelle Markel	Junior	Hillsboro
Betty Catherine Nash	Junior	Mattoon
Earl Lester Oliver	Junior	Charleston
Edward Maurice Resch	Junior	Newton
Frank William Tate	Senior	Tuscola
Edna Eileen Williams	Junior	Oakland
Ruth Moreen Williams	Senior	Casey

PI KAPPA DELTA

Jane Lee Abbott	Junior	Charleston
Alice Maxine Burton	Senior	Muncie
Florence Irene Davis	Sophomore	Dieterich
Elbert Abel Fairchild	Junior	Charleston
Harold Lee Hayes	Junior	Paris
Carolyn Love Kilgore	Senior	Danville
Mildred Anne Moore	Senior	Charleston
Elizabeth Louise Podesta	Sophomore	Mattoon
Ruth Deloris Rains	Senior	Charleston
Edward Gerald Rennels	Senior	Charleston
John David Worland	Senior	Neoga

PI OMEGA PI

Wendell Austin Blair	Senior	Paris
Ruth Aileen Brookhart	Junior	Casey
Beulah Louise Collins	Junior	Greenup
John Woodrow Eaton	Junior	Charleston
Carolyn Sue Eggleston	Junior	Toledo
James Francis Giffin	Junior	Casey
Kathryn Mary Hoehn	Junior	Witt
Dorothy Marie Jensen	Junior	Neoga
Madge Ellen Kirkham	Junior	Kansas
Lillian Cora Michael	Junior	Highland
Geneva June Murphy	Junior	Marshall
Marjorie Schuch	Senior	Newton
Margaret Jean Weingand	Junior	Hillsboro

GAMMA THETA UPSILON

Riley LaFrone Bowen	Senior	Charleston
Gerald Monroe Chestnut	Junior	Taylorville
Harry Dean Duffy	Senior	Monticello
Dale Warren Johnson	Sophomore	Charleston
Jennie Elizabeth Major	Senior	Mattoon
Bertha Grace Markwell	Senior	Brookfield
Donald G. Smith	Senior	Charleston
Leon Thomas Stewart	Senior	Casey
Cleo Esther Wood	Senior	Decatur

GRADUATES

1940

SENIOR COLLEGE

Name	Post Office
Adams, Orla Elbert	Charleston
Adkins, Mildred Josephine	Charleston
Anderson, Brice	Westville
Anderson, Earl Roy	Charleston
Armentrout, Alma May	Witt
Ashcraft, Orville Norman	Mattoon
Bails, Bette Lou	Charleston
Baker, Mervin Chester	Charleston
Barkley, Katherine Anne	Casey
Bennett, Evelyn C.	Chicago
Bennett, Margaret Elizabeth	Westfield
Bevis, Rosemary Parks	Newton
Brothers, Esther Louisa	Muncie
Brown, Carolyn Alta	Ashmore
Browne, Lee Roy	Charleston
Browning, Herbert Carlysle	Oakland
Buchholz, John Leonard	Effingham
Buzzard, Lila Celesta	Altamont
Christopher, Lawrence Clark	Tower Hill
Clapp, Carl Rich	Vincennes, Ind.
Clark, Ruth Burke	Clay City
Coleman, James William	Willow Hill
Corman, Erma Mae	Decatur
Craig, Robert Earl	Flora
Crispin, Helen Marion	Charleston
Crooks, Lesley Ernestine	Cisne
Cruthis, Erlynne	Sorento
Culberson, Harley Dale	Pana
Davidson, Rondell Lee	Chesterfield
Davis, Lana Ruth	Gays
Deahl, Howard Carroll	Martinsville
Diel, Esther Eleanor	Noble
Douglas, Jack Richard	Charleston
Driscoll, Theresa	Charleston
Evans, Lela Mae	Assumption
Farnsworth, Donald Russell	Arcola
Farrar, John Wynn	Mattoon
Farris, Leona Mae	Davenport, Iowa
Feller, Gladys Naomi	Sullivan
Fellers, Park Monroe	Tower Hill
Fick, Robert George	Charleston
Fink, Glenda Bernadine	Herrick
Finkbiner, Eva Miriam	Palestine
Finley, Roberta Jane	Lawrenceville
Fling, Dean Arthur	Windsor
Foor, Burnilda Maxine	Shelbyville
Ford, Betty Jane	Edwardsville
Freeman, Phyllis Marion	Greenup
Fritz, Forrest Glenn	St. Elmo
Fry, Emmett Warren	Louisville
Gewe, Bertha Catherine	Hillsboro
Gilbert, Virginia Carolyn	Mattoon
Goldsmith, Reba Margaret	Robinson
Gossett, Suzanne Barrett	Charleston
Grant, Lucile Madonna	Charleston
Grubb, Walter Robert	Noble
Gwinn, Byron Charles	Oakland
Harms, Raymond Keith	Bone Gap
Harms, Walser Eugene	Bone Gap
Hayes, Edward Lowell	Humboldt
Hayes, Kathleen Louise	Casey
Higgins, Evon	Bridgeport
Honn, Electa Marie	Kansas
Houston, Lavon Alverda	Mulberry Grove
Howell, George Morris	Charleston
Huffer, Marian Juanita	Shelbyville
Jack, Martha June	Charleston
Jenne, Loren Earl	Sullivan
Johnson, Ernest Logan	Mt. Carmel
Jones, Herschel Allen	Newton
Judge, Virgil Howard	Albion
Kincaid, Marvin Merle	Bridgeport
King, Max Shrieve	Charleston
Lane, Raymond Henry	Robinson
Lane, Winifred Juanita	Ashmore
Leathers, Lavada Margaruite	St. Francisville
Leeds, Lottie Leach	Allendale
Levitt, Joanna Mae	Charleston
Liffick, Mary Imogene	Casey
Linder, James Glenn	Assumption
Linder, Leslie Clifford	Assumption
Lumbrick, Esther Clementine	Shelbyville
McAlister, Robert Lloyd	Fithian
McHenry, Albert J.	Brocton
McIntyre, Helen Louise	Charleston
McQueen, Dorothy Katherine	Charleston
Marlow, March Lurea	Bethany
Mieure, Gerald Gale	Sumner
Mieure, Harold Dale	Sumner
Miller, Kermitt Clyde	Mt. Carmel
Moon, Thelma Ione	Coffeen
Neal, Donald King	Charleston
Nees, Grace Kortum	Charleston
Patterson, Farrel Stanley	Charleston
Pier, John Oscar	Decatur
Pinkstaff, Wilmeth Frances	Flat Rock
Pinkstaff, Wilson Levi	Flat Rock
Postlewaite, Virginia Ruth	Palestine
Poynter, Edward Allen	Arcola
Pyro, Frances Lucille	Donnellson
Racster, Barrett	Albion
Reeder, Martha Dolores	Greenup
Rennels, Arlin	Charleston
Reynolds, Ruth Maxine	Charleston
Rice, Marvin	Watson
Richards, Mary Caroline	Assumption
Richmond, George Smithdeal	Fillmore
Ridey, Charles Henry	Charleston
Rogers, Mary Louise	Humboldt
Rowland, Henry Abraham	Ashmore
Russell, Edna Frances	Mattoon
Ryan, Louis Darrell	Louisville
Schack, Frank Fairfowl	Sullivan
Scott, Clovis Toby	Charleston
Scott, Julia Annabel	Paris
Shipley, Emmett Thomas	Paris
Simpson, Paul Evans	Charleston
Smith, Elsie Marie	Charleston
Snedeker, Frederick Carlyle	Kansas
Stine, Paul Taylor	St. Elmo
Strader, Antoinette Paula Miseur	Hindsboro

Name	Post Office
Taylor, Oral Nelson	Charleston
Tefft, Nina Mae	Charleston
Thomas, Robert Osborne	Charleston
Thompson, Ernest William	Hillsboro
Thompson, Grace Lillian	Newman
Towell, Frank	Fillmore
Turner, Francis Dunlap	Centralia
Turner, Max Wesley	Charleston
Vaughn, Guy Dale	Charleston
Waggoner, Emily Elizabeth	Gays
Waldrip, Earl William	Greenup
Walter, Mary Elizabeth	Danville
Ward, Nettie Alene	Toledo
Whitlatch, Robert Wallis	Windsor
Wickiser, Alice Roberta	Greenup
Wilcox, Geraldine	Pana
Wilkin, Edna Lois	Monticello
Wilson, R. Raymond	Charleston
Wood, Harry	Noble
Zimmerman, Robert Charles	Effingham

Men	74
Women	67
Total	141

JUNIOR COLLEGE

1940

Name	Post Office
Butler, Helen Kirkwood	Lake City
Clark, Albert H.	Montrose
Cole, Betty Lou	Mattoon
Crum, Margaret Eleanor	Edgewood
Davidson, Edna Emaline	Marshall
Dively, Vera Karlene	Vandalia
Duke, William Raymond	Fithian
Ernst, Mary Ellen	Hillsboro
Feldman, Wilma Leora	West Salem
Fleener, Ivan Jessie	Pierson
Graham, Dorothy Harriet	Danville
Guthridge, Lucille Kate	Hindsboro
Harrington, Mary Jane	Arcola
Haverstock, Nina Eloise	Stewardson
Henderson, Frank Raymond	Chatham
Hendricks, Robert Worley	Shelbyville
Herron, Carolee Wanda	Findlay
Hettinger, Dorothy Marie	Pesotum
Highsmith, Randall McClellan	Flat Rock
Holycross, Emma Elizabeth	Danville
Honn, Edith Mabel	Kemp
Houghton, Myra Belle	Ashmore
Lively, Virginia Ruth	Beecher City
Long, Margaret Nolene	Danville
Magers, Frances Marie	Westville
Marsh, Mary Lou	Olney
McCartan, Marjorie Louise	Odin
Michels, Elizabeth	Ellery
Midgett, Lawrence Anderson	Flat Rock
Morr, Ruth Pauline	Beecher City
Paden, Leona Mae	Hillsboro
Parrott, Oreba Margaret	Lawrenceville
Poynter, Tressa Evelyn McWhorter	Dieterich
Rodgers, Vivian Frances	Farina
Runyon, Alice Ellen	Noble
Seaney, Chester Roscoe, Jr.	Flat Rock
Sharp, Lutie Beatrice	Edgerton, Ohio
Sheets, Joan	Georgetown
Shutt, William Glenn	Fithian
Vail, Mae Beth	Casey
Wittnam, Merle Eileen	Nokomis
Worland, Anne Margaret	Neoga
Zimmerli, Dorothy Jeanne	Pawnee

Men	9
Women	34
Total	43

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CERTIFICATE OF HIGH SCHOOL EDUCATION

(To be made out and signed by the Principal, or other authorized officer of the Secondary School named below, and mailed direct to the Eastern Illinois State Teachers College, Charleston, Illinois before the student enters)

AGRICULTURE—				
BOOKKEEPING—				
SHORTHAND—				
TYPEWRITING—				
HOME ECONOMICS—Clothing				
Foods				
INDUSTRIAL ARTS—Mech. Draw.				
Woodworking				
PHYSICAL EDUCATION—				

What is the passing grade?.................................Total number of high school units.................................

Recitation period.................................min.

5. Date of Birth.................................(Month).................................(Day).................................(Year).................................

6. Birthplace.................................(State).................................

7. Have You a Lindly Scholarship.................................Normal School Scholarship.................................

(See Other Side)

(A-46434)

CERTIFICATE OF HIGH SCHOOL EDUCATION

(To be made out and signed by the Principal, or other authorized officer of the Secondary School named below, and mailed direct to the Eastern Illinois State Teachers College, Charleston, Illinois before the student enters)

THIS IS TO CERTIFY that Mr. Miss (Cross out one) .... (First Name) .... (Second Name) .... (Last Name) was a student in .... (Name of High School) at .... (Location) for a period of .... (Years) beginning .... (Date) and ending .... (Date), and was graduated .... (Month) .... (Day) .... (Year); that he completed satisfactorily the subjects indicated below; and that he left the institution in good standing.

SUBJECTS	No. of Weeks Studied	No. of Periods Per Week	Grade of Scholarship	High School Units	Remarks
ENGLISH—First Year					
Second Year					
Third Year					
Fourth Year					
LANGUAGES—French					
German					
Latin					
HISTORY—American					
Ancient					
English					
General					
Medieval and Modern					
United States					
SOCIAL SCIENCE—Economics					
Government					
MATHEMATICS—Algebra					
Algebra (Adv.)					
Geometry					
Solid Geometry					
Arithmetic					
SCIENCE—Biology					
Botany					
Chemistry					
Physics					
Zoology					
General					
Physiology					
GEOGRAPHY—Commercial					
Physical					
ART—					
MUSIC—					
AGRICULTURE—					
BOOKKEEPING—					
SHORTHAND—					
TYPEWRITING—					
HOME ECONOMICS—Clothing					
Foods					
INDUSTRIAL ARTS—Mech. Draw.					
Woodworking					
PHYSICAL EDUCATION—					

What is the passing grade? .... Total number of high school units ....

Recitation period .... min.

Laboratory periods .... min.

(Signed) ....

Ranked .... in graduating class of .... (No. of Students)

Date .... 194.....

.... Official Title

(See other side)

STATE OF ILLINOIS
DWIGHT H. GREEN, Governor

Eastern Illinois State Teachers College

CHARLESTON, ILLINOIS

APPLICATION FOR ADMISSION

(To be made out by the applicant)

1. Date of Proposed Entrance..........

2. Name.......... (First Name) (Second Name) (Last Name)

3. Home Address.......... (Street and Number) (Town) (State)

4. County from Which You Come..........

5. Date of Birth.......... (Month) (Day) (Year)

6. Birthplace.......... (State)

7. Have You a Lindly Scholarship..........Normal School Scholarship..........

   U. S. Army or Navy Scholarship..........

8. Name of Parent or Guardian..........

9. Occupation of Parent or Guardian..........

10. Number of Years of High School Work..........

11. Name of High School..........

12. Did You Graduate..........Date of Graduation.......... (Month) (Day) (Year)

13. Years of College..........Name of Institution..........

14. Months of Experience in Teaching..........

15. Check Proposed Program (See catalogue)..........
    1. Two-Year Curriculum
    2. Four-Year Curriculum
       Major Subject..........Minor Subject..........

16. Length of time you expect to attend..........

(See Other Side)

(A-46434)

STATE OF ILLINOIS
DWIGHT H. GREEN, Governor

Eastern Illinois State Teachers College

CHARLESTON, ILLINOIS

APPLICATION FOR ADMISSION

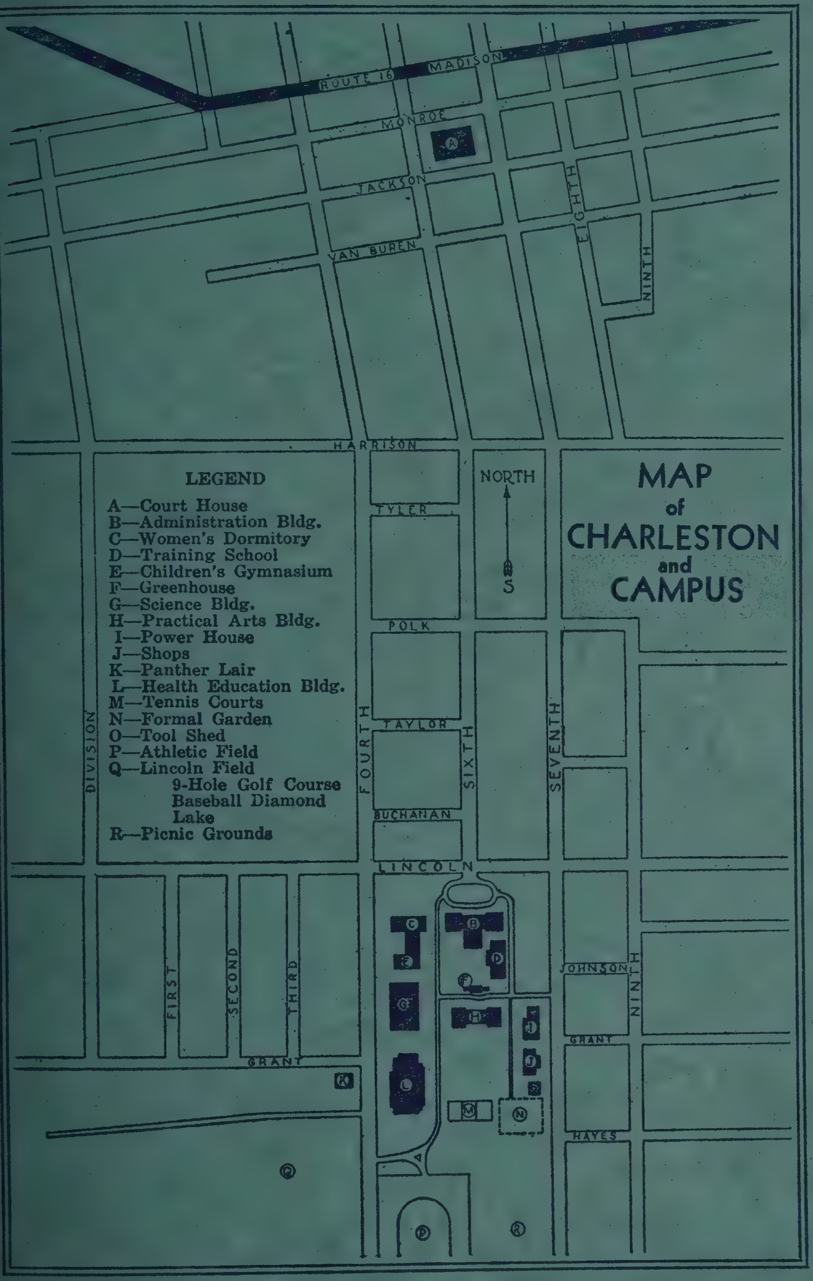
(To be made out by the applicant)

1. Date of Proposed Entrance..

2. Name..
(First Name) (Second Name) (Last Name)

3. Home Address..
(Street and Number) (Town) (State)

4. County from Which You Come..



MAP of CHARLESTON and CAMPUS

LEGEND

A—Court House
B—Administration Bldg.
C—Women's Dormitory
D—Training School
E—Children's Gymnasium
F—Greenhouse
G—Science Bldg.
H—Practical Arts Bldg.
I—Power House
J—Shops
K—Panther Lair
L—Health Education Bldg.
M—Tennis Courts
N—Formal Garden
O—Tool Shed
P—Athletic Field
Q—Lincoln Field
9-Hole Golf Course
Baseball Diamond
Lake
R—Picnic Grounds

ROUTE 16
MADISON
MONROE
JACKSON
VAN BUREN
HARRISON
TYLER
POLK
TAYLOR
BUCHANAN
LINCOLN
JOHNSON
GRANT
HAYES
DIVISION
FIRST
SECOND
THIRD
FOURTH
SIXTH
SEVENTH
EIGHTH
NINTH
NORTH
S
A
B
C
D
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41/42

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

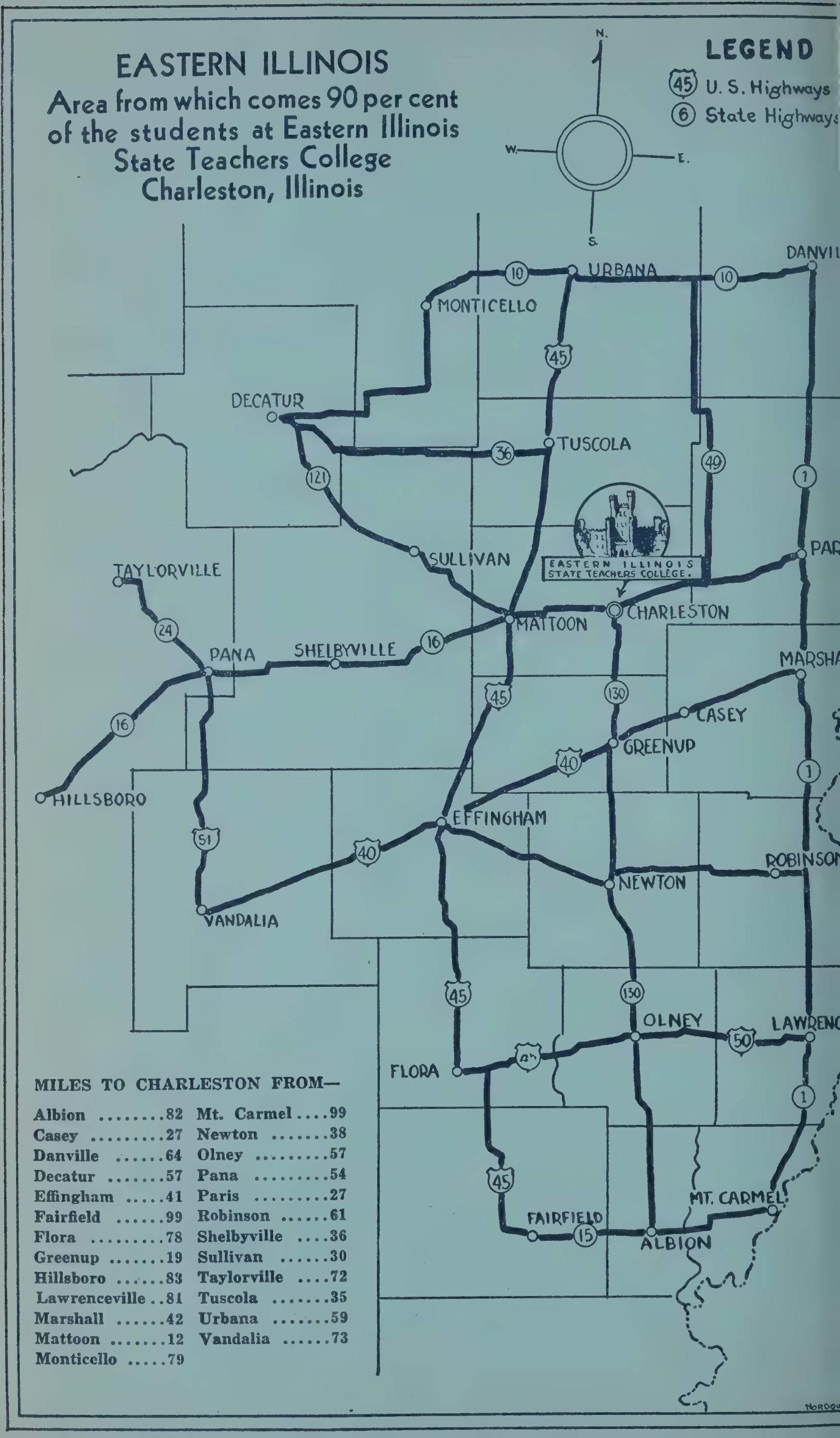
ANNOUNCEMENTS FOR 1942-43 SESSIONS

1899

CHARLESTON, ILLINOIS

EASTERN ILLINOIS

Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois


N.
W.
E.
S.
LEGEND
45 U. S. Highways
6 State Highways
DANVIL
URBANA
10
10
MONTICELLO
45
DECATUR
TUSCOLA
36
121
49
1
EASTERN ILLINOIS STATE TEACHERS COLLEGE
SULLIVAN
PAR
TAYLORVILLE
24
CHARLESTON
MATTOON
PANA
SHELBYVILLE
16
16
MARSHA
45
130
CASEY
GREENUP
40
1
HILLSBORO
EFFINGHAM
51
40
ROBINSON
NEWTON
VANDALIA
45
130
OLNEY
LAWRENC
50
FLORA
4
1
45
MT. CARMEL
FAIRFIELD
15
ALBION

MILES TO CHARLESTON FROM—

Albion	82	Mt. Carmel	99
Casey	27	Newton	38
Danville	64	Olney	57
Decatur	57	Pana	54
Effingham	41	Paris	27
Fairfield	99	Robinson	61
Flora	78	Shelbyville	36
Greenup	19	Sullivan	30
Hillsboro	83	Taylorville	72
Lawrenceville	81	Tuscola	35
Marshall	42	Urbana	59
Mattoon	12	Vandalia	73
Monticello	79		

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 158 April 1, 1942

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UNIVERSITY OF ILLINOIS

43d YEAR

ACADEMIC RECORD 1941-42

ANNOUNCEMENTS FOR 1942-43

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the Eastern Illinois State Teachers College, Charleston, Illinois. Entered March 5, 1902, as second class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

(23237)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues
BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing
FRANK A. BEU, Dean of the College

Housing, N. Y. A., Student Employment, and Personal Problems
HOBART F. HELLER, Dean of Men
ELIZABETH K. LAWSON, Dean of Women

Pemberton Hall
MRS. ALICE N. COTTER, Director

Payment of Fees
RAYMOND R. GREGG, Business Manager

Teacher Placement
HARRY L. METTER, Director of Teacher-Training and Placement

Student Health
DR. ETHEL E. LITTLE, Director of Health Service

Textbook Library
HENRY J. ARNOLD, Manager

Extension Courses
BRYAN L. HEISE, Director of Extension

Public Relations and Alumni Affairs
ROY K. WILSON, Director of Public Relations and Alumni Secretary

Information Regarding Summer Session
BLANCHE C. THOMAS, Registrar, or
FRANK A. BEU, Dean

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TO THE UNKNOWN TEACHER

I sing the praise of the Unknown Teacher. Great generals win campaigns, but it is the Unknown Soldier who wins the war. Famous educators plan new systems of pedagogy, but it is the Unknown Teacher who delivers and guides the young. He lives in obscurity and contends with hardship. For him no trumpets blare, no chariots wait, no golden decorations are decreed. He keeps the watch along the borders of darkness, and makes the attack on the trenches of ignorance and folly. Patient in his duty, he strives to conquer the evil powers which are enemies of youth. He awakens sleeping spirits. He quickens the indolent, encourages the eager, and steadies the unstable. He communicates his own joy in learning, and shares with boys and girls the best treasures of his mind. He lights many candles, which, in later years, will shine back to cheer him. This is his reward.

Knowledge may be gained from books; but the love of knowledge is transmitted only by personal contact. No one has deserved better of the Republic than the Unknown Teacher. No one is more worthy to be enrolled in a democratic Aristocracy, "King of himself and servant of mankind."

HENRY VAN DYKE.

THE PLEDGE TO TEACH

Eastern Illinois State Teachers College is maintained by the State of Illinois as an institution for the training of teachers for the public schools of the State. There is no tuition charge for persons expecting to teach. Each student is obligated by the statements of the annual catalogue and by signature to a "Pledge to Teach," which is a part of the student's record on file with the College Registrar. This pledge is considered fully as binding as the signing of a promissory note. Annual report on teaching by the student and cancellation of obligation by the college are provided for on the permanent record card. This pledge reads:

"In consideration of free tuition in the Eastern Illinois State Teachers College, I pledge to teach in the public schools of Illinois for a period equal to that covered by my attendance at the Eastern Illinois State Teachers College; and I agree to report annually to the president of the college the number of months taught in Illinois until this pledge is fulfilled. If I do not teach the required time in the public schools of Illinois within five years after leaving college, I promise to pay to the Eastern Illinois State Teachers College at the end of that period tuition at the rate of $15.00 for each quarter (twelve weeks) of attendance for which I have not taught an equal time."

(Signed)...

1942

JULY

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NOVEMBER

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DECEMBER

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THE COLLEGE CALENDAR, 1942-1943

Fall Quarter, 1942 (Twelve Weeks)

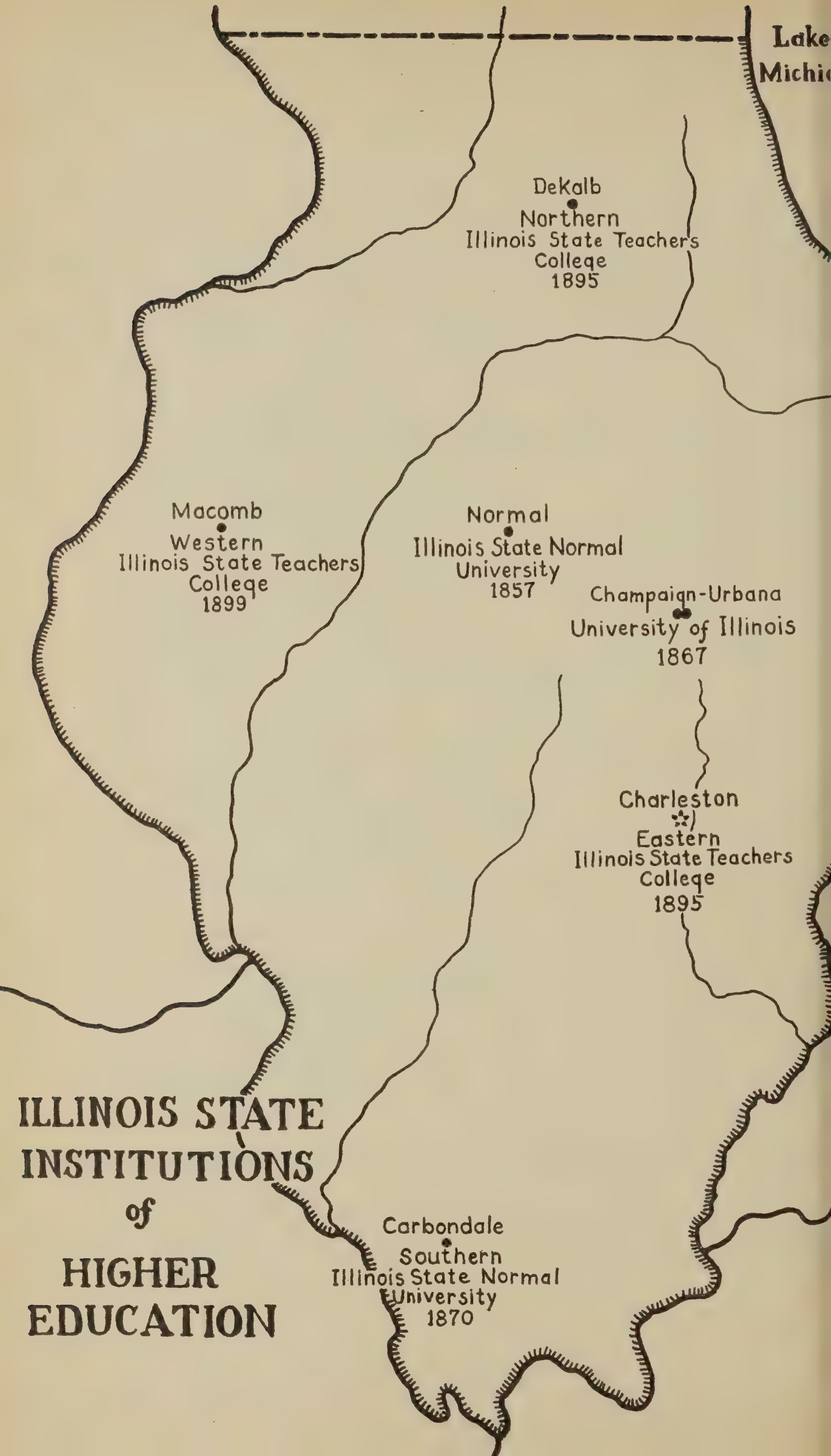
Monday, September 7	Freshman Registration, 8 a. m.
Monday, September 7 to Wednesday, September 9, inclusive	Freshman Orientation Program
Monday, September 7	Training Schools begin, 8 a. m.
Wednesday, September 9	Registration for other students, 8 a. m.
Thursday, September 10	College classes begin, 8 a. m.
Friday, October 9	Eastern Division, I. E. A. Meeting
Friday, October 23 Saturday, October 24	Twenty-eighth Annual Homecoming
November 9–13 inclusive	Pre-registration for upperclassmen
Wednesday, November 25	Thanksgiving recess begins close of day and Fall Quarter closes

Winter Quarter, 1942-43 (Twelve Weeks)

Monday, November 30	Registration for all students, 8 a. m.
Friday, December 18	Christmas recess begins close of school day
Monday, January 4	College classes resume, 8 a. m.
February 15 to 19 inclusive	Pre-registration for upperclassmen
Friday, March 5	Winter Quarter closes

Spring Quarter, 1943 (Twelve Weeks)

Monday, March 8	Registration for all students, 8 a. m.
Friday, April 16	Easter recess begins close of day
Monday, April 26	College classes resume, 8 a. m.
Sunday, May 30	Baccalaureate, 3 p. m.
Friday, June 4	Spring quarter closes
Friday, June 4	Commencement, 3 p. m.



ILLINOIS STATE INSTITUTIONS of HIGHER EDUCATION

Lake
Michi
Dekalb
Northern
Illinois State Teachers
College
1895
Macomb
Western
Illinois State Teachers
College
1899
Normal
Illinois State Normal
University
1857
Champaign-Urbana
University of Illinois
1867
Charleston
Eastern
Illinois State Teachers
College
1895
Carbondale
Southern
Illinois State Normal
University
1870

State of Illinois — Dwight H. Green, *Governor*

DEPARTMENT OF REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

★ ★

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

JOHN A. WIELAND
Superintendent of Public Instruction (Springfield)
Secretary

★ ★

APPOINTED MEMBERS

Miss Harriett A. McIntire, Mendota	1937-1943
John D. Dill, Carbondale	1937-1943
Otto G. Beich, Bloomington	1937-1943
Jacob E. Alschuler, Aurora	1939-1945
Charles E. McMorris, Marshall	1939-1945
Mrs. Helen R. Pegelow, Mattoon	1939-1945
Dr. Preston Bradley, Chicago	1941-1947
Lindell W. Sturgis, Metropolis	1941-1947
Russell L. Guin, Danville	1941-1947

★ ★

Edwin McDonald .... Co-ordinator

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, namely:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above aims into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

RATING

Eastern Illinois State Teachers College is FULLY accredited

(1) as a Teachers College in the American Association of Teachers Colleges,

(2) as a College in the North Central Association of Colleges and Secondary Schools.

ADMINISTRATION

1941-42

Office of the President

Robert Guy Buzzard, Ph.D.............President
Roy Kenneth Wilson, B.Ed.............Secretary to the President and Director of Public Relations
Florence Leone Fair, A.B.............Stenographer

Office of the Dean and Registrar

Frank Andrew Beu, Ph.D.............Dean
Blanche Claire Thomas.............Registrar
Gene Yakey.............Secretary

Office of Dean of Women

Elizabeth K. Lawson, Ph.D.............Dean of Women

Office of Dean of Men

Hobart Franklin Heller, Ph.D.............Dean of Men

Office of the Director of Training Schools

Harry Louis Metter, Ph.D...Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D.............Principal of High School
Arthur U. Edwards, Ph.D.............Principal of Elementary School
Hans Christian Olsen, Ph.D...Director of Off-Campus Student Teaching
Madge Eleanor Moore.............Secretary

Office of Extension Director

Bryan Heise, Ph.D.............Director of Extension

Office of Health Service

Ethel E. Little, M.D.............College Physician and Director of Health Service
Mary Ellen Thompson, R.N.............College Nurse

Business Office

Raymond Rosco Gregg, A.M.............Business Manager
Violet Bird Taylor, B.A.............Secretary
Dorothy Virginia Davis.............Stenographer

Office of Textbook Library

Henry J. Arnold, A.M.............Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B.............Director of Pemberton Hall

Buildings and Grounds

Camille F. Monier.............Superintendent of Grounds
Granvil Shafer.............Superintendent of Buildings
Edson B. Clodfelter.............Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1941-42

Asterisk (*) indicates Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D. . . . . *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

FRANK ANDREW BEU, Ph.D. . . . . *Dean*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)

HOBART FRANKLIN HELLER, Ph.D. . . . . *Dean of Men*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931; Graduate study, State University of Iowa, summer, 1934; Ph.D., Columbia University, 1940. (1931)

ELIZABETH K. LAWSON, Ph.D. . . . . *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS . . . . *Registrar* (1922)

RAYMOND ROSCO GREGG, A.M. *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933, and 1934. (1934)

HARRY LOUIS METTER, Ph.D. . . . . *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Principal, Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

ARTHUR U. EDWARDS, Ph.D. . . . . *Principal, Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

BRYAN HEISE, Ph.D.........................*Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

ETHEL E. LITTLE, M.D....*Assistant Professor and College Physician*
A.B., 1917, B.S., University of Illinois, 1919; M.D., University of Illinois College of Medicine, 1921. (1941)

MARY ELLEN THOMPSON, R.N.......................*College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

ALICE NELLIE COTTER, A.B..............*Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

MILDRED RUTH WHITING, Ph.D.*...............*Associate Professor*
B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)

FRANCIS LOUIS HOOVER, A.M...........................*Instructor*
B.S., North Texas State Teachers College, Denton, 1933; A.M., Columbia University, 1935; Graduate study, New York University, 1940-41 and summer, 1941. (1941)

ALICE MCKINNEY, A.M...................................*Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; Chautauqua Summer School, 1928; Woodbury School of Art and Massachusetts Art School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (1928)

MARY ELIZABETH MCMULLAN, M. Ed....................*Instructor*
B.S., 1938, M.Ed., University of Missouri, 1941. (Substitute instructor, 1941-42.) (1941)

BIOLOGICAL SCIENCE

Botany

ERNEST LINCOLN STOVER, Ph.D.*........................*Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. (1923)

HIRAM FREDERICK THUT, Ph.D................*Assistant Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. (1932)

Zoology

CHARLES STOCKMAN SPOONER, Ph.D.*....................*Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., University of Illinois, 1918; Graduate study, The University of Chicago, summer, 1918; Ph.D., University of Illinois, 1936. (1919)

WALTER MERRITT SCRUGGS, Ph.D. . . . . *Assistant Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (1929)

Hygiene

HAROLD MAXON CAVINS, Ed.D. . . . . *Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

ETHEL E. LITTLE, M.D. . . . *Assistant Professor and College Physician*
A.B., 1917, B.S., University of Illinois, 1919; M.D., University of Illinois College of Medicine, 1921. (1941)

COMMERCE

JAMES MICHAEL THOMPSON, Ed.D.* . . . . *Associate Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (1937)

EARL SAMUEL DICKERSON, Ed.D. . . . . *Assistant Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

STANLEY CLAY ROBINSON, A.M. . . . . *Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave. Enlisted April 16, 1942, U. S. Naval Reserves.) (1939)

JESSIE MARTHA HUNTER, A.M. . . . . *Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

EDUCATION

EMMA REINHARDT, Ph.D.* . . . . *Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

FRANK ANDREW BEU, Ph.D. . . . . *Professor*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)

HARRY LOUIS METTER, Ph.D. . . . . *Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

BRYAN HEISE, Ph.D. . . . . *Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D.........................*Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D.....................*Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D..................*Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ELIZABETH K. LAWSON, Ph.D...................*Associate Professor*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

ENGLISH

ISABEL MCKINNEY, A.M.*...................................*Professor*
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (1904)

HOWARD DEFOREST WIDGER, Ph.D.........................*Professor*
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

FRANKLYN LEHMAN ANDREWS, A.M.............*Associate Professor*
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936, 1937 and 1941. (1929)

EUGENE M. WAFFLE, Ph.D.......................*Assistant Professor*
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (1926)

ROBERT ARMAND SHILEY, Ph.D.................*Assistant Professor*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; Ph.D., Yale University, 1939. (1931)

WINNIE DAVIS NEELY, M.A......................*Assistant Professor*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

FOREIGN LANGUAGE

KEVIN GUINAGH, Ph.D.*.........................*Associate Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. Instructor, University of Illinois, summer, 1940; Visiting Professor, University of Nebraska, summer, 1941. (1931)

ELLEN ELIZABETH MICHAEL, A.M................*Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summer, 1939; University of Mexico, summer, 1941. (1930)

RUTH CARMAN, A.M. .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

GEOGRAPHY

NORMAN CARLS, Ph.D.* .... *Associate Professor*
B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (On leave. Left April 6, 1942, to become Civilian Instructor in Meteorology.) (1940)

RUBY MILDRED HARRIS, S.M. .... *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (1923)

ROSE ZELLER, Ph.D. .... *Assistant Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

W. FARRIN HOOVER, Ph.D. .... *Instructor*
A.B., University of Cincinnati, 1930; A.M., Kansas University, 1932; Ph.D., University of Illinois, 1939. (Substitute instructor, last half of Spring Quarter, 1942.) (1942)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.* .... *Associate Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate study, University of California, 1923-24; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, A.M. .... *Assistant Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; Graduate study, Cornell University, summer, 1939. (On leave for graduate study, Pennsylvania State College, 1941-42.)

WILMA WARNER, M.S. .... *Instructor*
B.Ed., Western Illinois State Teachers College, 1934; M.S., Iowa State College, 1938. (1941)

HELEN HAMILTON COLLINS, M.Ed. .... *Instructor*
B. Ed., Western Illinois State Teachers College, 1937; M. Ed., Colorado State College (Ft. Collins), 1941. (Substitute instructor, 1941-42.) (1941)

RUTH MAJOR, M.S. .... *Instructor*
B.S., University of Nebraska, 1927; M.S., University of Minnesota, 1940. (Spring Quarter, 1942 only.) (1942)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.* .... *Associate Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)

WAYNE P. HUGHES, A.M. .... *Assistant Professor*
Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Teachers College, Columbia University, summer, 1937; Graduate study, New York University, 1938-39. (1923)

RUSSELL HENRY LANDIS, Ed.D. .... *Assistant Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; Ed.D., Pennsylvania State College, 1940. (1930)

LIBRARY

MARY JOSEPHINE BOOTH, B.L.S.*. .*Associate Professor and Librarian*
A.B., Beloit College, 1900; B.L.S., University of Illinois Library school, 1904; The University of Chicago, second summer term, 1908. (1904)

MAY SMITH, M.S. .... *Instructor*
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1931)

LOUISE MATILDA STUBBLEFIELD, B.S. in L.S. .... *Instructor*
B.Ed., Illinois State Normal University, 1938; B.S. in L.S., University of Illinois, 1939. (On leave for graduate study, Columbia University, 1941-42.) (1939)

RUTH ESTHER PAUL, B.S. in L.S. .... *Instructor*
B.A., Milton College, 1932; University of Wisconsin, summers, 1932 and 1936; University of Illinois, summer, 1938; B.S. in L.S., University of Illinois, 1940. (Substitute instructor, 1941-42.) (1941)

ESTHER DUGGLEBY, M.A. .... *Instructor*
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S., in L.S., 1931; M.A., University of Illinois, 1938. (1935)

HARRIET LOVE, M.S. .... *Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

MATHEMATICS

EDSON HOMER TAYLOR, Ph.D.* .... *Professor*
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)

FISKE ALLEN, A.M. .... *Professor*
Diploma, Indiana State Normal School, 1895; A.B., Indiana University, 1898; A.M., Columbia University, 1910. (1913)

HOBART FRANKLIN HELLER, Ph.D. .... *Associate Professor*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931; Graduate study, State University of Iowa, summer, 1934; Ph.D., Columbia University, 1940. (1931)

Ruth Hostetler, A.M. .... *Instructor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

MUSIC

Leo J. Dvorak, Ph.D.* .... *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (1940)

Ethel Irene Hanson, A.M. .... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935; Graduate study, University or Southern California, summer, 1941. (1927)

Rudolph D. Anfinson, Ph.D. .... *Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail School of Music, 1938; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

Robert Austin Warner, M.A. .... *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (1938)

Marget Irene Johnson, M.M. .... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

Donald E. Johnson, A.M. .... *Instructor*
B.S. in Ed., State Teachers College, Maryville, Missouri, 1933; Graduate study, State Teachers College, Maryville, Missouri, 1933-34; Juilliard School, New York City, summer, 1936; A.M., Teachers College, Columbia University, 1938; Graduate study, Teachers College, Columbia University, summers, 1934, 1936, 1937, 1939. (1940)

PHYSICAL EDUCATION

Men

Charles P. Lantz, Pd.D.* .... *Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer, 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

Winfield Scott Angus, M.S. .... *Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939 and 1941. (1932)

Gilbert Carson, A.M. .... *Assistant Professor*
Diploma, Southern Illinois State Normal University, 1921; Coaching school, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (1936)

Women

FLORENCE MCAFEE, Ed.D.*....................*Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

MABEL J. HUPPRICH, M.S.......................*Assistant Professor*
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34, summer, 1941. (1934)

EDITH CRAWFORD HAIGHT, A.M........................*Instructor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Graduate study, New York University, 1930-32, 1937-38; Columbia University, 1937-38. (On leave for graduate study, New York University, 1941-42.) (1938)

VERNA NETTIE GEOFFRION, A.M........................*Instructor*
B. Ed., University of Toledo, 1940; A.M., University of Michigan, 1941. (Substitute instructor, 1941-42.) (1941)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.*................*Associate Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester, 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

WALTER ALBERT, Ph.D..........................*Assistant Professor*
A.B., Wayne State Teachers College, 1928; M.S., 1932, Ph.D., University of Nebraska, 1934. (1939)

WILLIAM HOMER COPPOCK, Ph.D...............*Assistant Professor*
B.S., Monmouth College, 1933; M.S., 1935, Ph.D., State University of Iowa, 1939. (1939)

Physics

ORA LEE RAILSBACK, Ph.D.*............................*Professor*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana University, summers, 1924, 1926; The University of Chicago, summers, 1928, 1929; Ph.D., Indiana University, 1937. (1924)

FRANK LOUIS VERWIEBE, Ph.D..................*Assistant Professor*
M.E., Cornell University, 1920; Graduate student, University of Buffalo, part-time, 1921-23; State Teachers College, Buffalo, part-time, 1923-24; M.S., 1930, Ph.D., The University of Chicago, 1933. (On leave Winter and Spring Quarters, 1941-42, instructor, University of Chicago.) (1934)

ALVIN VICTOR PERSHING, Ph.D..................*Assistant Professor*
A.B., Indiana University, 1928; M.S., University of Michigan, 1933; Ph.D., Indiana University, 1938. (Substitute instructor, Winter and half of Spring Quarter, 1942.) (1942)

ANDREW EUGENE MCARTHY, M.S..........................Instructor
B.Ed., Southern Illinois Normal University, 1930; M.S., University of Michigan, 1934; Graduate study, University of Michigan, summers, 1939 and 1940. (Substitute instructor, last half of Spring Quarter, 1942.) (1942)

SOCIAL SCIENCE

SIMEON E. THOMAS, A.M., LL.D.*......................*Professor*
Ph.B., Upper Iowa University, 1898; A.M., State University of Iowa, 1902; Graduate study, Harvard University, 1902-4; LL.D., Upper Iowa University, 1937. (1906)

CHARLES HUBERT COLEMAN, Ph.D...............*Associate Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D................*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Graduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D..................*Assistant Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D.................*Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.*...................*Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A..................*Assistant Professor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935; Graduate study, University of Mexico, summer, 1941. (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D..............................*Director of Teacher Training and Placement Bureau*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D............................*Principal of Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M....*Assistant Professor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M., *Assistant Professor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; Graduate study, University of Southern California, summer, 1941. (1920)

EMILY VERONICA BAKER, A.M.....*Instructor and Sixth Grade Critic*
B.Ed., Illinois State Normal University, 1929; A.M., George Peabody College for Teachers, 1933; Part-time graduate study, University of Illinois, 1936-37, first semester, 1937-38; Graduate study, Columbia University, summer, 1938. (On leave for graduate study, spring and summer, 1941, and year 1941-42.) (1935)

BEATRICE LEHNING, M.A.........*Instructor and Sixth Grade Critic*
Diploma, Thomas Normal School, 1916; B.S. in S.S., 1929, M.A., State University of Iowa, 1930. (Substitute instructor, February 3 to August 8, 1941, and year 1941-42.) (1941)

BERNICE I. BANKSON, A.M........*Instructor and Fifth Grade Critic*
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938; Graduate study, Northwestern University, summer, 1941. (1933)

MYRTLE ARNOLD, A.M...........*Instructor and Fourth Grade Critic*
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939. (1930)

NANNILEE SAUNDERS, A.M........*Instructor and Third Grade Critic*
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)

OLIVE LENORE THOMPSON, A.M...*Instructor and Second Grade Critic*
A.B., Iowa State Teachers College, 1930; A.M., The State University of Iowa, 1936; Graduate study, University of California, summer, 1939; University of Southern California, summer, 1940. (On leave, Instructor, Ball State Teachers College, April 27-May 29.) (1937)

MARY SAMTER, M.A.............*Instructor and Second Grade Critic*
Diploma, State Teachers College, Stevens Point, Wisconsin, 1927; Student, Wayne University, summer, 1938; University of Chicago, one quarter, 1940; B.Ed., Western Illinois State Teachers College, 1941; M.A., State University of Iowa, 1942. (Substitute instructor, April 27-May 29, 1942.) (1942)

MARGARET B. DONLEY, A.M................................
.......................*Assistant Professor and First Grade Critic*
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbia University, 1932; Graduate study, University of Colorado, summer, 1940. Instructor, Buffalo State Teachers College, summer, 1941. (1935)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D........................*Principal of Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

LENA BOYD ELLINGTON, A.M.................*Instructor in History*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

ICA MARKS, M.S. .... *Instructor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (1932)

RUTH CARMAN, A.M. .... *Assistant Professor in Latin*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

ALLEN PERDUE BRITTON, A.M. ...... *Instructor in English and Music*
B.S. in Music Education, 1937, A.M., University of Illinois, 1939; part-time graduate study, Indiana University, 1940-41. (1941)

ELLEN ELIZABETH MICHAEL, A.M. .... *Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summer, 1939. (1930)

GERTRUDE HENDRIX, M.S., A.M. .. *Assistant Professor in Mathematics*
A.B., DePauw University, 1926; M.S. (Education), 1930, A.M. (Mathematics), University of Illinois, 1935. (1930)

ROBERTA LEE POOS, A.M. .... *Instructor in English*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (1935)

SETH ARTHUR FESSENDEN, Ph.D. ..... *Assistant Professor in English*
B.S., 1934, M.S., University of Illinois, 1935; Graduate study, University of Montana, summer, 1937; Cornell University, summer, 1938; University of Illinois, summer, 1939; Ph.D., New York University, 1941. (1938)

EWELL WELDON FOWLER, M.S. .... *Instructor in Industrial Arts*
B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; University of Missouri, summers, 1939, 1940, 1941. (1941)

PARIS JOHN VAN HORN, M.S. .... *Instructor in Science*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 1938, 1940, and second semester, 1941-1942. (On leave for military service, April, 1941-May, 1942.) (1935)

MARVIN FRANK SMITH, M.A. .... *Instructor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940. (1940)

RAYMOND F. BLAKE, A.M. .... *Instructor in Science*
B.S., Iowa State Teachers College, 1938; A.M., State University of Iowa, 1939. (Substitute instructor, April, 1941-May, 1942.) (1941)

AFFILIATED TRAINING SCHOOLS

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Columbia University, 1926. (1938)

Charleston High School

EDGAR L. HARDEN, M.A. . . . . *Principal, Charleston High School*
B.S., Iowa State Teachers College, 1935; M.A., University of Iowa, 1938; Graduate study, University of Iowa, summer, 1939. (1941)

ROBERT E. CRAMER, B.S. . . . . *Commerce*
B.S., Indiana State Teachers College, 1936; Graduate study, Bonebrake Theological Seminary, 1937-38, 1939-40. (1941)

KATHLEEN DRUMMOND, M.S. . . . . *Commerce*
B.S., Indiana State Teachers College, 1939; M.S., University of Illinois, 1940; Graduate study, University of Denver, summer, 1941. (1941)

Humboldt High School

HOWARD EUGENE GREER, M.A. . . . . *Superintendent, Humboldt Public Schools, History and Geography*
B.Ed., Southern Illinois State Normal University, 1932; M.A., University of Illinois, 1936; Graduate study, University of Illinois, summer, 1941. (1936)

EVERETT MILTON COLLINS, M.S. . . . . *Mathematics and Science*
B.Ed., Illinois State Normal University, 1934; M.S., University of Illinois, 1939. (1941)

VELMA GERALDINE HITT, B.S. . . *Home Economics and Social Studies*
B.S., Battle Creek College, 1929; Eastern Illinois State Teachers College, 1938-39, summers, 1939, 1940, 1941. (1939)

WILHELMINE PEINE, B. Mus. . . . . *Commerce and Music*
B. Mus., Illinois Wesleyan University, 1939. (1941)

MARY ELIZABETH POORMAN, B.A. . . . . *English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

RICHARD JAMES BROMLEY, B.Ed. . . . . *Grades 5–8*
B.Ed., Eastern Illinois State Teachers College, 1938; Graduate study, University of Illinois, summer, 1941. (1940)

MARY W. LEIGHTY . . . . *Grades 1–4*
Diploma, Illinois State Normal University, 1929; Illinois State Normal University, summers, 1930, 1931; University of Illinois, summer, 1935. (1941)

Kansas High School

JOHN C. ROBERTS, M.A. . . . . . *Superintendent, Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940; University of Illinois, summer, 1941, year 1941-42. (1940)

Evelyn Elizabeth Durham, B.Ed. ....*Commerce*
B.Ed., Illinois State Normal University, 1938; Graduate study, University of Illinois, 1941-42. (1940)

Juanee Swearingen, B.Ed. ....*Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939. (1940)

Rural Schools

Ruby Sarah Price Henderson, B.Ed. ....*Oak Grove Rural School*
B.Ed., Southern Illinois State Normal University, 1937; Graduate study, Northwestern University, summer, 1940. (1939)

Glenna Juanita Albers, B.Ed. ....*Clear Springs Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-39. (1937)

Mabel Ann Johnson, B.Ed. ....*Muddy Point Rural School*
B.Ed., Illinois State Normal University, 1940. (1940)

Extension

Bryan Heise, Ph.D. ....*Director of Extension, Education*
Donald Rhodes Alter, Ph.D. ....*Social Science*
Frank A. Beu, Ph.D. ....*Education*
Harold Maxon Cavins, Ph.D. ....*Biological Science*
Norman Carls, Ph.D. ....*Geography*
Charles Hubert Coleman, Ph.D. ....*Social Science*
Leo J. Dvorak, Ph.D. ....*Music*
Francis L. Hoover, A.M. ....*Art*
Donald E. Johnson, A.M. ....*Music*
James Glenn Ross, Ph.D. ....*Speech*
Donald Allen Rothschild, Ph.D. ....*Education*
Paul Turner Sargent ....*Art*
Glenn Huron Seymour, Ph.D. ....*Social Science*
Robert A. Warner, M.A. ....*Music*
William G. Wood, Ph.D. ....*Social Science*
William H. Zeigel, Ph.D. ....*Education*

Emeritus Faculty

Ellen A. Ford, A.M. ....*Dean Emeritus*
Annie Laura Weller, A.B., S.B. .....*Professor Emeritus*
Albert B. Crowe, A.M. ....*Associate Professor Emeritus*
Friederich Koch ....*Associate Professor Emeritus*
Anabel Johnson, A.M. ....*Instructor Emeritus*
Gilberta Coffman ....*Instructor Emeritus*
Anna Holden Morse ....*Instructor Emeritus*

Inactive Instructor in Order for Emeritus Rating

Edith E. Ragan ....*Instructor*

PART I: GENERAL INFORMATION

LOCATION
HISTORY
EQUIPMENT
RATING
EXPENSES
COLLEGE TEXTBOOK LIBRARY
PENALTIES
BOARD AND ROOM
SCHOLARSHIPS
EDUCATIONAL BENEFIT ACT
LOAN FUNDS
STUDENT ACTIVITIES
ALUMNI CLUB
THE ALUMNI ASSOCIATION
ASSOCIATED EASTERN STATE CLUBS
THE BUREAU OF TEACHER PLACEMENT
THE CERTIFICATING LAW

EASTERN ILLINOIS STATE TEACHERS COLLEGE

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running across Illinois through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion, Illinois.

A bus-line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

Distances in miles from Charleston by paved highway are:

Chicago	200	Flora	78
St. Louis	145	Lawrenceville	81
Terre Haute	51	Danville	64
Decatur	57	Vandalia	73
Champaign-Urbana	58	Olney	57
Salem	86	Pana	54

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year.

Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school. In 1941 one hundred and thirty students were graduated with the Bachelor of Education degree and thirty-six students received the Junior College diploma.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 an eight weeks summer term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920.

EQUIPMENT

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoölogical studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of $21,600 made by the General Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house was used as a co-operative dormitory by a group of men students until it burned in the spring of 1942.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The Legislature of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The Legislature of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been recently refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The Legislature of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937 and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. The library contains 60,166 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of 371 periodicals, including many devoted to special subjects. A children's library, containing about 3,500 books, occupies a commodious room at the north end of the third floor of the training school building. A children's librarian is in charge. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. Four librarians are in charge. *Lessons in the use of the library* are required in all curricula as explained in the Description of Courses.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois.

EXPENSES

Tuition is free to legal residents of Illinois who agree to teach in the public schools of the State for a period equal to the time spent in college. Students who do not take a required course leading toward a teacher's certificate, a diploma, or a degree must pay tuition of $15.00 a quarter in addition to all fees described below. Students not registered for required physical education or library use will be regarded as tuition students, unless these courses have been completed.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons shall be admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

Such students must pay the tuition fee of $15.00 a quarter plus the fees listed below, unless they have been out of school for one year, and until one quarter of work has been completed with a scholarship average of C.

Students who are on probation for two consecutive quarters are excluded from attendance for the period of one calendar year unless tuition is paid and they are given special permission by the Dean to remain. They are reported as "Dropped on account of low scholarship" if record is transferred to another college.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; but a charge of $1.00 is made for additional copies of this transcript sent later.

The Normal School Board ruled on August 22, 1938, "That no credits be issued for transfer to any school unless the applicant for such transfer shall furnish satisfactory proof that he intends to go into the teaching profession, or until tuition is paid for the time the applicant attends as required by the ruling of the Normal School Board."

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see below)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. A fee of $1.00 per quarter is required of students taking laboratory science courses to cover supplies and breakage, for music instruments, technique courses in music, and typewriting.

All laboratory and materials fees must be paid within ten days after registration or enrollment in classes is automatically terminated.

A $5.00 graduation fee for either a diploma or a degree is payable on April 1. This fee covers all graduation expenses, including use of cap and gown.

A towel deposit of seventy-five cents is required for each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The Eastern Illinois State Teachers College offers a plan of providing adequate textbooks for all classes at unusually low cost. The college operates a bookstore on a flat rental basis. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than by ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of fifty cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of fifty cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for from $1.75 to $2.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable monthly in advance. For table board, $66.00 a quarter is charged, payable monthly in advance ($22.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $5.50 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Cooperative Dining Service. There is one cooperative dining service for men students. It is sponsored by a fraternity and is subject to college supervision. Members of the service share in the work, with each member working approximately one-half hour each day. The actual cost of food is divided among the members once a week. Last year the cost averaged $3.50 a week for each member. Further information may be obtained by writing to the Dean of Men.

Housing Bureau. The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the college.

SCHOLARSHIPS

Army and Navy Scholarships. Men who served in the United States Army or Navy in the World War I and who were residents of Illinois at the time of entering the service are exempt from the payment of tuition and registration fee ($10.00). They pay only the student activity fee of $6.00 and the book rental fee of $3.50.

Normal School Scholarships. The State Legislature passed an act in 1935 stating that:

> There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.
>
> The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships pay only the student activity fee of $6.00 a quarter and the book rental fee of $3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters during the calendar year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50.

The student must present the Lindly Scholarship at the time the fees are paid.

University of Illinois Graduate Scholarship. For three years the University of Illinois has offered a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred dollars. The student nominated by the faculty for 1941–42 was John David Worland, a major in Social Science.

The Florence Vane Skeffington Scholarship. In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English.

The award was given to Marguerite Little for 1941–42.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1941–42 was made to Joseph Zupsich.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 reads as follows:

> Section 1. The sum appropriated under the provisions of this Act shall be used for the sole purpose of providing for matriculation fees, board and room rent and books and supplies for the use and benefit of the children not under sixteen and not over twenty-two years of age; and who have for twelve months had their domicile in the State of Illinois, of those World War veterans, who were killed in action or died from other causes in the World War, from April 6, 1917 to July 2, 1921, while serving in the army, navy or marine corps of the United States as a result of such service; which orphans are attending or may attend a state educational institution of a secondary or college grade. Said children shall be admitted to state institutions of secondary or college grade, free of tuition.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the second half of the course to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, and for organizing ability and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare, and consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities are financed by a self-imposed Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Eastern Teachers News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic and Sports Board, the Forensics and Dramatics Board, the Music Activities Board, Health and Hospitalization Board, Student Publications Boards, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the College to the State Teachers College Board.

ENTERTAINMENT COURSE, 1941-42

October 14	Donald Dickson, baritone
January 5	Ballet Russe de Monte Carlo
March 19	Hertha Glaz, contralto

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English. For the last eleven years *The Eastern Teachers News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937–1942, the high position of medalist was achieved in the Columbia rating. *The Eastern Teachers News* is a member of the National, the Columbia University, and the Illinois College press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, and 1941 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to the *The Warbler* of 1938, 1939, and 1941.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the college. All social functions are scheduled by the school calendar, and supervision by committees and chaperons arranged two weeks in advance. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members ex-officio of the Social Activities Board.

The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women. The major activities are in turn governed by a series of nine other boards made up of faculty and students, with duties implied in the names given them. The boards for 1941–42 are:

Apportionment Board

Faculty	*Students*
S. E. Thomas, Chairman	Joseph Zupsich '42
Charles S. Spooner	David Fisher '43
William H. Zeigel	Jean Camp '44
Ruth Hostetler	Betty Markel '42
Rose Zeller	Carroll Endsley '42
	Virginia Foster '44
	Lee Cammon '43

Athletics and Sports Board

Faculty	*Students*
Charles P. Lantz, Chairman	Ross Stephenson '43
Florence McAfee	Paul Jones '42
James M. Thompson	Jane Lumbrick '43
Donald R. Alter	Betty Markel '42
Walter M. Scruggs	Russell Pierson '44
	Jeanne Cress '43
	Oliver Anderhalter '43

Entertainment Board

Faculty	*Students*
Glenn H. Seymour, Chairman	Martha Moore '43
Rudolph K. Anfinson	Jean Gossett '43
Mildred R. Whiting	Jack Jaycox '45
Kevin Guinagh	Norma King '44
Howard DeF. Widger	Betty Farthing '44
	Geneva Weidner '44
	Fae Maness '43

Forensics and Dramatics Board

Faculty	*Students*
J. Glenn Ross, Chairman	Claude Hayes '44
Robert A. Shiley	Martha June Stanberry '44
William G. Wood	Elbert Fairchild '42
Seth A. Fessenden	Martha Moore '43
Winnie D. Neely	Joan Sheeks '43
	Florence Nelson '44
	Lee Cammon '43

Health and Hospitalization Board

Faculty	*Students*
Ethel E. Little, Chairman	Carroll Endsley '42
Harold M. Cavins	Hugh Phipps '43
Mary Thompson	William Reat '44
Walter M. Scruggs	John Jaycox '45
Earl S. Dickerson	Esther Pinkstaff '44
	Lois McQueen '42 (vice-pres. Student Council)

Music Activities Board

Faculty	*Students*
Leo J. Dvorak, Chairman	Jane Abbott '42
Hobart F. Heller	Herbert Lee '44
Ora L. Railsback	Jewell Emmerich '43
Ethel I. Hanson	Joseph Zupsich '42
Elizabeth E. Michael	Pollyanna Peterson '44
	Oliver Anderhalter '43
	Allen Corbin '44

Social Activities Board

Faculty	*Students*
Stanley C. Robinson, Chairman	Virginia Foster '44
Hobart F. Heller	Norma King '44
Elizabeth K. Lawson	Florence Nelson '44
Frank L. Verwiebe	Ross Stephenson '44
Robert A. Warner	Jean Camp '44
	Jewell Emmerich '43
	Russell Pierson '44

Student Publications Board

Faculty	*Students*
Franklyn L. Andrews, Chairman	Edward Weir '42
Roy K. Wilson	Earl Baughman '44
Russell H. Landis	Lee Podesta '42
Eugene M. Waffle	Albert Goldsmith '44
Isabel McKinney	Dorothy Hensen '42
	Eugene Price '44
	William Reat '44

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930–31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. The women are organized into groups called Units, and government is vested in a Council of Nine, elected from the membership at large.

ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. In 1939 the golf team won first place in the Teachers College match and first place in the Little Nineteen. A well-organized program of intramural games for men is carried out. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

The women's athletic program is under the direction of the Women's Athletic Association. Participation in various "play days" among the Illinois Colleges is a part of the year's program.

SPEECH ACTIVITIES

Dramatics. The college dramatics organization is known as "The Players." It is one of the largest and most active organizations on the campus. Leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The Health Education Building includes a large stage, supplied with modern equipment. There are two large dressing rooms and a make-up room. The lighting equipment includes a remote-control, interlocking major switchboard, footlights, x-ray border lights, floods, and spotlights.

Forensics. Eastern's intercollegiate forensic affiliations include Pi Kappa Delta, national honorary society; the Illinois Intercollegiate Debate League; and the Illinois Intercollegiate Oratorical Association.

In 1940–41 the College won the biennial Pi Kappa Delta Illinois-Wisconsin Province oratorical contest at North Central College, while the women's debate teams took third place. During the year plans were made for Eastern's representation at the biennial national convention of Pi Kappa Delta at Minneapolis in 1942.

In 1941–42 the College was host to the Fifth Annual Invitational Debate Tournament and to the Illinois Intercollegiate Oratorical Association, in which Eastern's orators and extempore speakers ranked third. In an oratorical contest held at North Central College a local speaker won second. At Whitewater, Wisconsin, Eastern speakers ranked third and fourth in discussion and in debating, respectively. Other tournaments on the schedule for the year included those at Illinois State Normal University and at MacMurray College.

During 1941–42 local student speakers appeared before a score of service clubs, study clubs, high schools, church groups, and other organizations.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the A Cappella Choir, the Men's Glee Club, and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and recreating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs throughout the year, uniting to present the "Messiah" at Christmas in alternate years, and an oratorio or opera in the spring. The Glee Clubs, the College A Cappella Choir, the Orchestra, and the Symphonic Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Art Club, an organization of art majors and minors, and other students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

Country Life Club, sponsored by students expecting to teach in rural schools.

Eastern State Club, campus organization formed in 1937, whose membership is limited to thirty-five students, directs its efforts towards promoting greater student, faculty and alumni interest in college affairs. It constantly searches for worthwhile things to do which will contribute to the progress of the college. Recent activities have included the preparation of a design for college pennants, and the sale of these; preparation of the complimentary souvenir programs for the Silver Jubilee Homecoming; election each fall of a Football Greeter; distribution of posters and other promotional work for important campus events; assistance in the management of athletic events; decoration of the college towers for the Christmas holiday season; and introduction of the plan for electing Marshals and Aides in the Junior Class. Early in 1940, the organization voted to elect one faculty member to honorary membership each year. Honorary members are President Robert G. Buzzard, Winnie Davis Neely and Elizabeth K. Lawson.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, maintained by young women enrolled in the home economics curriculum, and affiliated with the Illinois State and the National Home Economics Associations.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty and others interested in music education. The activities of the organization are planned to promote professional interest in the field and to give a purposeful perspective to those planning to teach.

The Players is open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students majoring in botany, zoology, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, international honor society in education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in industrial arts, was installed May 25, 1933. Membership is limited to students with high scholarship in industrial arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon, national professional fraternity in mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of *Kappa Pi*, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Sigma Delta—a local journalistic club, was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is limited to persons on the staff of *The Teachers College News* who display an active and constructive interest in student problems.

Pi Kappa Delta—Illinois Sigma Chapter of *Pi Kappa Delta*, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of *Pi Omega Pi*, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of *Gamma Theta Upsilon*, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929-1941, it existed as *Fidelis*, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers' colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life. There are about forty members. Cooperative dining service is maintained at the fraternity house.

Sigma Sigma Sigma, Alpha Psi Chapter, Eastern's first national teachers college sorority, was installed February 28, 1942. Previous to going national it existed for three years as Alpha Tau Nu, a local sorority. There is a strong alumnae group in an effectively organized alumnae chapter located at Charleston. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

Chi Delta Gamma, a local sorority organized by a group of girls realizing the need for a wider scope of influence of sorority life at Eastern, was officially recognized in February, 1940. At present the sorority does not have a house. It has a small but strong alumnae group and an active membership of about thirty-five. Girls are chosen for their scholastic ability, leadership, and talent for living.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student activities.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president,
Editor of the Warbler or News,
Business Manager of the Warbler or News,
President of a fraternity or sorority.
Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. Any student falling below the academic standing required of athletes is not permitted to take part in extra-curricular activities or organizations.

CHICAGO ALUMNI CLUB

The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the president, Theodore Cavins, Lake Forest High School, Lake Forest, Illinois.

THE ALUMNI ASSOCIATION

Alumni Day is observed annually in the spring. Officers of the Alumni Association for 1941–42 are: Mr. Arthur Forster, '23, President and Chairman of the Executive Committee; Mr. Bruce Corzine, '13, (deceased, January 22, 1942), Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

Executive Committee

Miss Emily Orcutt, '08 (term expires in 1942).
Mrs. Earl W. Goodman, '24 (term expires in 1942).
Mr. Ferdinand Homann, '08 (term expires in 1943).
Dr. Ciney Rich, '12 (term expires in 1943).
Mrs. Thomas Manuell (Carrie Jordan), '12 (term expires in 1944).
Mr. Roy Wilson, '36 (term expires in 1944).

ASSOCIATED EASTERN STATE CLUBS

Since 1937, twenty-one Eastern State Clubs composed of graduates and former students have been formed. With the exception of the Springfield club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program. The activities of the clubs, which help to keep former students in contact with college events, are instrumental in bringing large groups back for Homecoming in the fall.

On Alumni Day, May 14, 1938, officers of the clubs met on the campus and formed the Associated Eastern State Clubs. An Executive Council composed of ten persons was chosen to direct the affairs of the clubs. The president of the student Eastern State Club on campus is elected for one year. Roy Wilson, director of alumni activities, was designated as secretary-editor of the clubs and made an ex-officio member of the Council. The president of the Alumni Association automatically becomes a member of the Council, according to action taken by the Council on May 25, 1940. Other Council members are elected for two-year terms. Members of the Council for 1941–42 follow:

Miss Florillo Gard, '39, Casey, Chairman (term expires in 1943).
Mr. Arthur Forster, '23, Paris, President, Alumni Association.
Mr. Harold Cottingham, '35, Paris (term expires in 1942).
Mr. U. L. Evans, '42, Shelbyville (term expires in 1942).
Mr. Everett L. Clinard, '33, Oblong (term expires in 1942).
Mrs. Thomas Manuell, '12, Decatur (term expires in 1942).
Mr. Theodore Cavins, '26, Lake Forest (term expires in 1943).
Mr. Stanley Elam, '38, Willow Hill (term expires in 1943).
Miss Janet Southard, '26, Tuscola (term expires in 1943).
Mr. Delmar Nordquist, '42 (Student Member).
Mr. Roy Wilson, '36, Charleston (Secretary-Editor and Ex-Officio Member of Council).

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them in securing well-qualified teachers. Its purpose is also to assist any student or former student of the college in securing a teaching position.

It is the aim of the Bureau of Teacher Placement to furnish the prospective employer information needed in considering our applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and home community references.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

The following new certificating law for teachers was passed by the Legislature in July, 1941. This Act repeals the old certificating law and shall be in effect on and after July 1, 1943.

I. A limited elementary school certificate may be obtained as follows:

- (A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.
- (B) Applicants who hold a bachelor's degree with a minimum of sixteen semester hours in education including at least five semester hours in student teaching.

II. A limited kindergarten-primary certificate may be obtained as follows:

- (A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.
- (B) Applicants who hold a bachelor's degree with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching.

III. Graduation with the degree from a high-school curriculum gives a limited high-school certificate.

IV. If the student has taught successfully for four years he may also have a supervisory certificate.

V. The completion of the first two years in any curriculum (104 quarter hours) by June 30, 1943 gives a limited elementary certificate provided the student's credits include the following courses:

English (English 120 and 121 or 126)	8 quarter hours
Mathematics or Natural Science (2 quarters)	8 quarter hours
History or Social Science (2 quarters)	8 quarter hours
Education—	
Educational Psychology—Education 131 or 132 (2½ sem. hrs.)	4 quarter hours
Principles of Education—Education 223 or 343 (2½ sem. hrs.)	4 quarter hours
Practice Teaching (Teaching 220, 221)	8 quarter hours
Electives	56 quarter hours
Physical Education	6 quarter hours
Library 120	1 quarter hour
Commerce 120	1 quarter hour
	104 quarter hours

No student will be recommended for a limited elementary certificate until six quarters in required physical education, Commerce 120, and Library 120 have been successfully completed. Any student in a four-year high-school curriculum desiring to obtain a limited elementary certificate must show evidence of possessing sufficient fundamentals to pass a departmental examination in arithmetic, grammar, and geography unless courses covering these subjects are taken in the various departments.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

Note: For certification and graduation requirements relative to scholarships, see pages 52 and 53.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE CERTIFICATING LAW ENACTED BY THE SIXTY-SECOND GENERAL ASSEMBLY, 1941

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE						
	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. SCOPE OF VALIDITY:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching; supervision	Teaching; supervision	Teaching; supervision kindergarten	Teaching	Teaching	Teaching
(c) Grades of school system	1–12	7–12	1–12	1–3	1–8	7–12	13–14
II. REQUIREMENTS FOR ISSUE ON CREDITS:							
(a) College semester hours	120	120	120[1]	120[2]	120	Prescribed by Board[6]	Master's[8]
(b) Semester hours in education	16	16	16[3]	16[3]	16[3]		20
(c) Teaching experience	4 yr.	0	0	0	0	0	0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth	15 15 15 120[9]	Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:							
(a) College semester hours			60[5]	60[5]	60[5]		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—							
1. First renewal			Success; growth	75	75		
2. Second renewal				90	90		
3. Third renewal, etc				120	120		
IV. CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:							
(a) Years of successful experience	Super. 4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.
[2] Including 60 semester hours in a recognized kindergarten-primary training school.
[3] Including 5 semester hours in practice teaching.
[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.
[5] Ten semester hours in education, of which five shall be in practice teaching.
[6] Must meet requirements of Examining Board.
[7] Two years of which shall have been in Illinois.
[8] Including major in field taught.
[9] Including 16 semester hours in education.

PART II: INSTRUCTION

ORGANIZATION
DIVISION OF THE YEAR
REGISTRATION
ADMISSION REQUIREMENTS
GRADUATION
SCHOLARSHIP
DEPARTMENT OF EXTENSION
CURRICULA
CREDIT
NUMBERING OF COURSES
MAJOR AND MINOR SUBJECTS
DESCRIPTION OF CURRICULA
TRAINING SCHOOLS
DESCRIPTION OF COURSES

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college department proper, the Training Schools on the campus, and the Affiliated Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clear Springs, Muddy Point, and Oak Grove, the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, the Kansas Community High School, and the Charleston High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each.

REGISTRATION

New Students' Orientation Program: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in the college auditorium at nine o'clock on Monday morning, September 7, 1942. At that time detailed plans for Monday, Tuesday, and Wednesday, September 7, 8 and 9, will be announced. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any new student who registers later than Monday is required to pay a late registration fee of one dollar.

Upper Classmen: All upper classmen, sophomores, juniors, and seniors, are expected to register on Wednesday, September 9, 1942.

Classwork for all students starts at 8 o'clock on Thursday morning, September 10.

ADMISSION REQUIREMENTS

Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Probationary Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in freshman year.

Students transferring from other colleges must present high school and college credentials and are given advanced standing *only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.*

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. **This should be done at least two weeks before the date of entering. No student will be classified until his record is received.**

A registration permit is mailed to the student when his application for admission and his record have been checked and filed.

GRADUATION

Accelerated program. The regular four-year degree college course may be completed in three years by students who wish to shorten their college course in this way. This may be done by doing summer work in each of three summer terms. From sixteen to twenty-four quarter hours may be taken in the Summer Term (10 weeks) each summer, thus making it possible for a student to get from forty-eight to seventy-two quarter hours of college work done in three summer terms.

Detailed information of specific interest to individuals may be secured by writing to the Registrar.

The degree of Bachelor of Education (B.Ed.) is conferred upon those who complete a four-year curriculum. Four-year curricula prepare teachers for high school, for special grade work, and for positions as principals, supervisors, and teachers of special subjects. *A year's resident work (Senior College credit) is required for a diploma or degree.*

One hundred and ninety-nine quarter hours are required for a degree, except for majors in elementary education or commerce who are required to have two hundred quarter hours. Credit earned in dramatics, glee club, chorus, orchestra, or band is in excess of the total required for graduation.

Correspondence or extension work is accepted from accredited colleges to the extent of forty-eight quarter hours in a four-year curriculum.

Students who do not have a scholarship average of C cannot transfer in their last year credits from other colleges to count toward graduation.

For the degree, one-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject in addition to education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each of these students in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. *No names will be added to the list of candidates for graduation after April 1.* A student who is not more than sixteen quarter hours behind the class at that time may participate in commencement exercises with the class and receive his diploma or degree at the close of the summer term if he completes the work by that time. It is possible to earn sixteen quarter hours in the ten weeks' summer term.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, Withdrew[3]	0 grade point
F, Failure	—1 grade point

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[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time *without the written permission of the Dean of the College* entails a grade of F (Failure).

I. *Graduation Honors.* These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year, and the sophomore year in the case of two-year diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his work and B average in the rest.

Graduation with honors requires a grade of A in one-half of the student's work; B or higher in one-fourth of his work; and C average in the rest.

Graduation honors are noted on the diploma and announced at Commencement.

II. *Scholarship Honors.* Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. *Admission to Practice Teaching.* 1. For registration for practice teaching in any quarter in any curriculum a student must have a C average.

2. Students transferring from other colleges must be in attendance at least one ten weeks' summer term or one quarter during which they earn sixteen quarter hours of credit with a C grade or higher, respectively, before they are eligible for practice teaching.

3. Students in four-year curricula with an average of 1.5 grade points may be admitted to practice teaching in the sophomore or junior year.

4. No student may be admitted to practice teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education.

5. No senior college student (junior or senior) is eligible to take practice teaching until he has completed 6 quarter hours of required physical education and Library 120. Students in a four-year elementary or commerce curriculum must also have completed Commerce 120 before being eligible for practice teaching.

IV. *Certification and Graduation Requirements.* C average is required for graduation and certification from the two- and four-year curricula. Not more than one-fourth of the student's grades may be D. This means that a student must have as many grades above C (1) as he has grades of D (0).

A C average in the major subject is also required for graduation.

V. *Extra Work.* No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking practice teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. No student may register for a course except in a regularly scheduled class.

VII. *Probation.* 1. A student whose grade points total less than two (A = 3; B = 2; C = 1; D = 0; F = —1) in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college.

2. A student who receives three grades of D in any one quarter is on probation the following quarter.

3. A student who is on probation for two consecutive quarters at the end of this period is excluded from attendance for the period of one calendar year unless tuition is paid and he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another college.

4. A student who fails in one course and has lower than C average in the three remaining courses of that quarter is not permitted to register for more than three courses in the following quarter.

5. A student who fails in one-half of his work (2 courses) in one quarter is on probation for the following quarter.

6. In the summer term students who fail in one course and have less than C average in the remaining course, or who earn two grades of D, are on probation for the following quarter or term.

VIII. *Exclusion.* A student failing in three courses, twelve quarter hours, in any quarter or in one-half of his work, eight quarter hours, in each of two consecutive quarters, is dropped from the college.

DEPARTMENT OF EXTENSION

The organization of the Extension Department at Eastern Illinois State Teachers College has made it possible for teachers in service to continue their education. With the present emphasis upon greater professional training for teachers, the opportunity to attain degree ranking or renewal of certification by means of extension work has been eagerly accepted by hundreds of students residing in all parts of the area served by the college. Extension work to the extent of not more than 48 quarter hours of credit on a four-year curriculum is acceptable toward graduation. From the foregoing, it is quite obvious that this is a distinct advantage to teachers in service who cannot take residence work.

Organization. Classes are organized in county seats or other towns where twenty or more students can agree upon an acceptable course, and for which the college can release an instructor. Most of the courses offered are on the senior college level. This is due to the fact that the majority of students are working toward a degree. However, if a sponsoring group desires a course on the junior college level, such a course can be arranged.

Entrance. The courses are open to (1) high school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon former attendance at the Eastern Illinois State Teachers College. Prerequisites for the course are adjusted between the instructor and student.

Credit. Classes meet two and one-half sixty-minute periods a week for sixteen weeks for which four quarter hours of credit are given upon satisfactory completion of the course. This credit is transferable, provided the work is in harmony with the curriculum pursued by the student. Since all curricula generally provide for electives, extension courses can easily be adjusted upon this basis.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for book rental. If the books are not obtainable from the college library, the rental fee is waived and the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension, Eastern Illinois State Teachers College, Charleston, Illinois.

CURRICULA

Four-Year Curricula, 199 quarter hours each*, for preparation of the following:

1. Elementary Grade Teachers (Lower Grades).
2. Elementary Grade Teachers (Upper Grades).
3. Rural Elementary School Teachers.
4. High-School Teachers and Teachers of Special Subjects:
    - A. Art.
    - B. Commerce.
    - C. English.
    - D. Foreign Language (Latin).
    - E. Geography.
    - F. Home Economics (Smith-Hughes).
    - G. Industrial Arts.
    - H. Mathematics.
    - I. Music.
    - J. Physical Education for Men.
    - K. Science (Biological: Botany or Zoology or both).
    - L. Science (Physical: Physics or Chemistry or both).
    - M. Social Science.
    - N. Speech.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks when the student load of prepared work is sixteen hours a week. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours).

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation. The credit is recorded on the student's permanent record card and may play an important part when he is an applicant for a position.

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300–399, junior courses; 400–499, senior courses.

MAJOR AND MINOR SUBJECTS

In four-year curricula for high school teachers, a student takes at least 36 quarter hours of work in a major subject exclusive of one course in methods and two courses in practice teaching and 24 quarter hours each in one or two minor subjects, in some cases specified by the department of the major subject and in other cases left to the student's choice, but the courses in the minor subjects must constitute two years' work in some one department or related field.

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* 200 quarter hours are required for graduation from the elementary curriculum and the commerce curriculum.

A student may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have a minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

DESCRIPTION OF CURRICULA

TWO-YEAR DIPLOMA CURRICULUM

(104 Quarter Hours)

Sophomore Year

Four of the following subjects are required each quarter: Education 224, 223; Social Science 233, 234 or Social Science 234, 235; Industrial Arts 224 or 225; Education 225 or Geography 221; Education 228; Hygiene 120; Teaching 220, 221, 222; 1 Elective. P. E. (3 quarters).

Notes: 1. Those preparing for upper grades should take Geography 221.

2. Those preparing for the lower grades should take Education 225.

3. One elective credit (4 quar. hrs.) is allowed; if a B average is made in the first two terms of teaching, another elective may be substituted for Teaching 222.

4. Two consecutive terms of social science are required.

5. Numbers identify the course in the description of courses.

6. Fifty-two quarter hours are required each year.

In the two-year rural school or elementary grade curriculum the practice teaching requirement is met by one-half day of teaching for one quarter (8 quarter hours of credit) if a B average is made in practice teaching; otherwise an additional four quarter hours of credit in practice teaching is required.

FOUR-YEAR CURRICULA

(199 Quarter Hours)

1. For Preparation of Teachers for the Grades

Freshman Year

English 120, 121, 122 or 124 or 126
Mathematics 120, 121, Hygiene 120
Social Science 137, 138, 139
Biological Science 126, 127, 128
Commerce 120
Library 120
Physical Education (Year)

Sophomore Year

Music 120, Geography 120, Art 130
Industrial Arts 224, Education 228, Art 124
Physical Science 100, 101, 102
Education 130, 131, 132
Physical Education (Year)

Junior Year

Education 343, 345, Industrial Arts 225
Social Science 233, 234, 235
Geography 221, 236, Music 228
Elective, Elective, Educ. 225

Senior Year

Teaching 441, 442, 443
English 234, 348*, Speech 345
Education 447, Elective, Education 344
Advanced Elective (Year)

* Or English 343 or 344 or 449.

NOTES: 1. Those preparing for the lower grades should take English 122.

2. Students in the four-year elementary or commerce curriculum must take Commerce 120, making a total of 200 quarter hours for graduation.

2. For Preparation of Rural School Teachers

Lower Grades:

The same outline of courses for the lower grades as stated above with the following exceptions:

1. Substitute Teaching 220 R and 221 R for Teaching 220 and 221.
2. In the senior year substitute Teaching 441R for Teaching 441.
3. Students in this curriculum will do their practice teaching in the lower grades of an affiliated village school.

Upper Grades:

The same outline of courses as for the upper grades as stated above with changes as suggested above for the lower grades, except that students in this curriculum will do their practice teaching in the upper grades of an affiliated school.

High School:

Follow the regular Four-Year Curriculum for High School Teachers with the following suggested changes:

1. In the senior year substitute Teaching 441R, 442R, and 443R for Teaching 441, 442, and 443. Students who take this course will do their practice teaching in an affiliated village high school.

3. For Preparation of High-School Teachers

The "core" of the four year high-school curriculum is the same in all departments with the exceptions mentioned in the footnotes. In order to aid students who may wish to transfer from one major to a different one, these requirements are listed below:

FRESHMAN YEAR

English 120[2], 121, 125[1]
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)[4]
Major Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344[3], 345[5]
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
English A

SENIOR YEAR

Teaching 441, 442, 443
Speech 345[6]
Major Subject (Year)
Minor Subject (Year)

This leaves a minimum of 10 electives.

Commerce

[1] Students majoring in Commerce substitute Commerce 141 for English 125.

English

[2] Students majoring in English are excused from English 120 and 125 and are required to take English 121 and 126.

An examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall quarter, 1942. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

Foreign Language

Two years of modern foreign language are required in the Latin curriculum.

Home Economics

[3] Not required in the Home Economics or Music curriculum. Instead Education 458 is required in the Home Economics curriculum.

[4] Not required in the Home Economics curriculum.

Industrial Arts

[5] Education 458 may be substituted in the Industrial Arts curriculum.

Music

One year of General Language is required in this curriculum.

Speech

[6] Speech 345 is required in the junior year in some curricula.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The emphasis is upon creative work in design, color, and drawing, and their many applications, with courses in history and appreciation as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, History 138, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 237, 238, 236
Art 234, 226, 233
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344

Requirements for a Minor in Art:

Elementary Grades Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 124 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(1) Secretarial Studies

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

Sophomore Year

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (Year)
Commerce 120

Junior Year

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)

(2) Accounting

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

Sophomore Year

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (Year)
Commerce 120

Junior Year

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T, Commerce 340I
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Minor Subject (Year)

(3) Accounting and Secretarial Studies

Freshman Year

English 120, 121, Commerce 141
Commerce 110, 111, 112[1] or Commerce 210, 211, 212
Commerce 123, 124, 125[1] or Commerce 223, 224, 225
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

Sophomore Year

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230[1], 231, 232
Social Science 233, 234, 235
Physical Education (Year)
Commerce 120

Junior Year

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T, Commerce 340I
Commerce 340S
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)

[1] Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce: accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students majoring in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students majoring in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR

English 121, 126, Hygiene 120
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, English 340
English 343, 344, Art 351
English 346, 347, 348

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451

NOTES: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239) may be used as the minor subject. English 346, 347, 348 may be used by juniors or seniors for credit toward a minor in English.

D. FOREIGN LANGUAGE (Latin)

FRESHMAN YEAR

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (Year)

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Elective, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, 221, 130
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters) Hygiene 120
Geography 233, 231, 236
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 343, 447, 345

SENIOR YEAR

Teaching 441, 442, 443
Geography 340, Elective, Elective
Advanced Elective (Year)
Social Science 354, 355, Speech 345

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 130, 221, 231, 236 and 340G; for high school teachers, Geography 120, 130, 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Art 130, 131, Hygiene 120
Home Economics 101, 102, Botany 120
English 120, 121, 125
Chemistry 130, 131, Elective
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 202, 203 (343), 247
Home Economics 232, 201, Botany 235
Physical Education (Year)

JUNIOR YEAR

Education 345, Home Economics 301, Art 344
Social Science 330, Physics 322, Home Economics 350
Home Economics 346, 345, 340
Home Economics 344, Elective, Elective

SENIOR YEAR

Speech 345, Education 458, 343
Teaching 441, 442, 443
Social Science 453, Home Economics 304, 446
Elective (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203 (343), 232, 247.

* A 1.5 average is required to qualify for teaching in Smith-Hughes schools.

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts 356, 352 (348), 354
Education 343, 344, Elective
Social Science 233, 234, Speech 345

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hrs.), 365 (2 hrs.), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hrs.)

NOTES: 1. An academic minor is required.
2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.
3. One of the three quarters in student teaching is required in the minor subject.
4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Mathematics 120, 132, 133
Mathematics 130, 131, 134
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343 (36), 344 (35), 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134; Mathematics 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

FRESHMAN YEAR

Music 123, 124, 125 (20, 21, 22) (6 q. h.)
Applied Music (6 q. h.)
English 120, 121, Hygiene 120
General Language 130, 131, 132
Physical Science or Biological Science (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Music 230, 231, 232
Music 236, 237, 238 (6 q. h.)
Applied Music (6 q. h.)
Education 230, 231, 232
Social Science (8 q. h.), Elective (1 quar.) or
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Music 351 (26), 352 (27), 353
Music 336, 337, 338 (43) (6 q. h.)
Applied Music (6 q. h.)
Music 228, 340, 347 (2 q. h.), 339 (2 q. h.)
Education 343, Speech 345, Education 345

SENIOR YEAR

Music 449 (338), 450 (45), 451 (6 q. h.)
Applied Music (6 q. h.)
Teaching 441, 442, 443
Minor Subject (Year) or Social Science (8 q. h.), Adv. Elective (1 quar.)
Elective (Year)

NOTES: 1. Electives must include one quarter's work in literature.

2. Two quarters of history or social science are required in the sophomore year or the senior year.

3. Applied music (24 q. h.) including two years of Piano and two years of Voice is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

4. A student may be excused from any Instrumental Technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

5. Participation in the college music organizations each year of residence is required.

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, (338) Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades, as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449 (338), 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 236, 237, 238, 336, 337, 338, 339 (three to five quarters); Music 449 (44), 450 (45), 347, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION (For Men)

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (4) (Year)
Library 120

SOPHOMORE YEAR

Anatomy 225, Physical Education 226 (34, II), 227 (34, III)
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (4) (Year)

JUNIOR YEAR

Speech 345, Physical Education 350 (39), 340
Physical Education 347 (36), 348 (38), 349 (37)
Physical Education 344 (31), Physiology 345, Elective
Education 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452 (44), 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)

Requirements for a Minor in Physical Education:

Physical Education 120, 122, 226, 227 (any three of these courses); Physical Education 347, 348, 349, 350, 452 (any three of these courses). P. E. 121 may be substituted but is not recommended.

K. SCIENCE (Biological)

NOTE: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) BOTANY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 446
Zoology 230, 231, 232 (or Zoology 343, 344, 345)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)

NOTE: Botany 345 may be substituted for Botany 446 with permission of the instructor.

(2) ZOOLOGY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132*
English 120, 121, 125
Mathematics 130, 131, 134
Physics 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)
Elective (Year) (Preferably Mathematics 235, 236, 228)
Physical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 344, 343

SENIOR YEAR

Teaching 441, 442, 443
Chemistry 450 (any quarter)
Elective (2 quarters)
Elective (Year)
Advanced Elective (Year)

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*Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for Biological Science Majors).

NOTE: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Biological Science (1 year Botany and 1 year Zoology), Foreign Language (German or French).

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 131, 132
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters), Education 343
Elective (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)

NOTE: Radio courses will be substituted for required Physics courses beyond the freshman year. See description of courses (pp. 119-122).

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics, Chemistry, Biological Science (1 year Botany and 1 year Zoology), Foreign Language (preferably German).

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Elective, Elective, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (Year)

SENIOR YEAR

Social Science 340, Education 344, Elective
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356 or 453, 454, 455

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or one year of Government or Economics.

N. SPEECH

FRESHMAN YEAR

Speech 130, 131, 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters), Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Speech 233, 234, 235
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 345, 331 (31), 346 (45)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 444, 445, 435
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Speech:

Speech 130, 132, 233, 331 (31), 345, 444.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5. Holders of valid Lindly scholarships pay only $4.

Affiliated Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts, one village school, consisting of an eight-grade elementary department and a four-year high school. The college is also affiliated with a four-year community high school and the four-year city high school.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the

Director of Off-Campus Student Teaching. Teachers selected for the affiliated schools must be approved by both the district and the college. A part of each rural school training teacher's salary is paid by the college.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the Director of Teacher Training. Sophomores are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this college gradual participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students graduating from the two-year curriculum are required to take 100 clock hours of supervised student teaching. If the student does not receive an average grade of B in this teaching an additional 50 clock hours of teaching is required. All students graduating from four-year curricula are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to practice teaching see III under "Scholarship."

DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

124. Art for the Classroom Teacher.

An introductory course for students preparing to teach art in the elementary grades and rural schools. The principles of art, the divisions of the elementary school with educational and art set-up for each division, and the planning and creating of art problems which prove that art is a part of life and not apart from life are developed by lecture and laboratory work.

Required in the two- and four-year elementary curricula. Elective in other curricula. (4 hours.) Every quarter.

130. Introduction to Art.

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and four-year elementary curricula. Elective in other curricula. (4 hours.) Fall quarter.

131. Design I.

The application of decorative design and color to weaving, block printing, lettering, and posters.

Required in the art and home economics curricula. Prerequisite Art 130. Elective in other curricula. (4 hours.) Winter quarter.

132. Drawing I.

Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Spring quarter.

226. Life Drawing I.

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Electiv in other curricula. (4 hours.) Winter quarter.

227. Lettering.

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective. (4 hours.) By permission of instructor.

233. Drawing II.

Free-hand drawing of still life, flowers, landscape, in pen and ink, and pastel.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Spring quarter.

234. Design II.

Application of design and color principles to leather, metal, textile decorations, and other materials of school art industries.

Required in the art curriculum. Prerequisite: Art 131. (4 hours.) Fall quarter.

235. Costume Design.

The designing of costumes for various types, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Elective. Recommended in the art and home economics curricula. (4 hours.) Winter quarter.

236 (138). History and Appreciation I.

A study is made of man's creative efforts in the visual arts, from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesapotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula. Elective in other curricula. (4 hours.) Fall quarter.

237 (236). History and Appreciation II.

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Winter quarter.

238 (237). History and Appreciation III.

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Spring quarter.

239. Modeling and Pottery.

The application of art principles to clay as a medium. The modeling of animals and figures, casting, and various processes of pottery making and finishing. Emphasis on structural and decorative design.

Elective. Recommended in the art and four-year elementary curricula. (4 hours.) Spring quarter.

340. Methods in High School Art.

Extensive reference work, research, and organization are done, upon which the student builds his own conception of an art program suitable to an average high-school situation. Methods of presentation, adaptation to age levels, selection of problems, and standard achievement are studied.

Required in the art curriculum. (4 hours.) Spring quarter.

344 (144 and 444). Home Planning and Furnishing.

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131. Elective in other curricula. (4 hours.) Winter quarter.

345. Methods in Elementary School Art.

Practice in art processes adapted to different grade levels. Lesson, unit, and curriculum planning. Survey of art needs.

Required in the art curriculum. (4 hours.) Fall quarter.

346. Life Drawing II.

Advanced work with costume model with emphasis on composition. Various media are used.

Required in the art curriculum. (4 hours.) Winter quarter.

350. Painting.

Water color, tempora, and oils are used.

Required in the art curriculum. Elective in other curricula. (4 hours.) Spring quarter.

351. Art Backgrounds.

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Art.

A minimum of one quarter in the grades and one quarter in high school is required of art majors. One quarter each in the lower and upper grades and one in high school is recommended. Art 345 is prerequisite for teaching in the grades; Art 340 for high school. The first quarter of student teaching should be in the grades.

(4 hours for each course.) Every quarter.

447. Composition I.

The development of original work in decorative and pictorial design based on previous training in design, free-hand drawing, color, figure construction, and experience with various media.

Required in the art curriculum. (4 hours.) Fall quarter.

448. Composition II.

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum. (4 hours.) Winter quarter.

449. Commercial Design.

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum. (4 hours.) Spring quarter.

453. Psychology of Art.

The psychology of art as developed by research. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Standard and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula. (4 hours.) Winter quarter.

456. Stage Design.

Design and construction of scenery, costumes, make-up, lighting, puppetry, and masques.

Elective. Recommended in the art and speech curricula. (4 hours.) By permission of instructor.

458. Art Seminar.

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Elective. (4 hours.) By permission of instructor.

COMMERCE

I. Typewriting

110. Typewriting.

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

(4 hours.) Fall and summer quarters.

111. Typewriting, Continued.

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement:

minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110 or the equivalent. (4 hours.) Winter and summer quarters.

112. Typewriting, Continued.

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110, 111 or the equivalent. (4 hours.) Spring and summer quarters.

210. Advanced Typewriting.

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. (4 hours.) Fall and winter quarters.

211. Advanced Typewriting, Continued.

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 210 or the equivalent. (4 hours.) Winter and spring quarters.

212. Principles and Problems of Office Practice.

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor. Class limited to twenty-four. (4 hours.) Every quarter.

II. Shorthand

123. Shorthand.

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

(4 hours.) Fall quarter.

124. Shorthand, Continued.

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Commerce 123 or its equivalent. (4 hours.) Winter quarter.

125. Shorthand, Continued.

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Commerce 123, 124 or the equivalent. (4 hours.) Spring quarter.

223. Advanced Shorthand.

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 123, 124, 125 or the equivalent. (4 hours.) Fall quarter.

224. Advanced Shorthand, Continued.

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 223 or the equivalent. (4 hours.) Winter quarter.

225. Secretarial Practice.

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223 and 224. (4 hours.) Spring quarter.

III. Accounting

230. Accounting.

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to

give a thorough drill in the principles of accounting as applied to single proprietorship.

(4 hours.) Fall and summer quarters.

231. Accounting, Continued.

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Commerce 230 or the equivalent. (4 hours.) Winter and summer quarters.

232. Accounting, Continued.

Changing partnership books to corporation books is the work chiefly involved in this course. Emphasis is placed upon the technique of preparing financial and profit and loss statements.

Prerequisite: Commerce 230, 231. (4 hours.) Spring and summer quarters.

330. Cost Accounting.

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232. (4 hours.) Fall quarter.

331. Accounting Tax Procedure.

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Commerce 230, 231, 232. Not open to freshmen. (4 hours.) Winter quarter.

IV. Methods

340T. Methods of Teaching Typewriting and Office Practice.

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course is granted.

(4 hours.) Fall quarter.

340S. Methods of Teaching Gregg Shorthand.

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course is granted.

(4 hours.) Winter and summer quarters.

340B. Methods of Teaching Bookkeeping and Business Arithmetic.

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

(4 hours.) Spring quarter.

340 I. Methods and Materials for Teaching Introduction to Business.

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

(4 hours.) Spring and summer quarters.

441, 442, 443. Supervised Student Teaching in Commerce.

(4 hours for each course.) Every quarter.

V. General Business Courses

140. Business Mathematics.

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

(4 hours.) Winter and spring quarters.

141. Business Correspondence.

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121. (4 hours.) Spring quarter.

444. Foundations in Business Education.

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

445. Problems in Business Education.

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analyses; placement and follow-up of graduates; and vocational information and guidance.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

446. Business Law.

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

(4 hours.) Fall quarter.

447. Business Law, Continued.

This course is a continuation of Commerce 446 and considers insurance; bailments; carriers; sales; partnership; corporations; deeds of conveyance; mortgages; landlord and tenant; and business crimes.

(4 hours.) Winter and summer quarters.

448. Salesmanship and Advertising.

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling. Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

(4 hours.) Spring quarter.

VI. Penmanship

120. Penmanship.

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the two- and four-year elementary curricula and in the commerce curriculum. (1 hour.) Every quarter.

121. Manuscript Writing.

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in rural and elementary curricula. (1 hour.) Summer term.

EDUCATION AND TEACHING

I. Education

130. An Introduction to Education.

A comprehensive survey of the field of education. Especial attention is given to the development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

Required in the two- and four-year curricula for the preparation of elementary teachers. (4 hours.) Fall and winter quarters.

131. Introduction to Educational Psychology.

This is a beginning course and does not assume previous study of psychology. The major topics dealt with are the methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene and individual differences.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130. (4 hours.) Winter and spring quarters.

132. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to child psychology.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130 and 131. (4 hours.) Spring quarter.

223. Principles of Education with Special Reference to the Elementary School.

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

224. Directed Study and Observation of Teaching.

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management, such as establishing classroom routine, maintaining good discipline, teaching pupils to control themselves, providing a favorable physical environment, supervising the physical welfare of pupils, caring for materials and apparatus, keeping records and making reports, encouraging regular and punctual attendance, and directing extra-curricular activities, are taken up. Problems pertaining to instruction, such as planning lessons, directing study, directing the recitation, and evaluating the results of teaching are also considered. Numerous observations in the Training School are an integral part of the course.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

225. Primary Education.

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

Required in the two- and four-year elementary curricula for the lower grades. Elective in the two-year rural curriculum. Prerequisite: Twelve quarter hours in education. (4 hours.) Spring quarter.

228. Reading.

This course covers briefly the development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the two- and four-year elementary curricula. Prerequisite: Three quarters of education. (4 hours.) Every quarter.

230. An Introduction to Education.

The topics taken up are the same as in Education 130, but special attention is given to topics pertaining to the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. (4 hours.) Fall quarter.

231. Introduction to Educational Psychology.

The topics covered are the same as in Education 131.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230. (4 hours.) Winter quarter.

232. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to adolescent psychology.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230 and 231. (4 hours.) Spring quarter.

343. Principles of Education with Special Reference to the Secondary School.

The topics dealt with are the same as in Education 223, but special attention is given to their implications for the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

344. Tests and Measurements.

About one-third of the time is devoted to educational statistics, with emphasis upon the applications of the various techniques that are presented. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: Sixteen quarter hours in education. (4 hours.) Every quarter.

345. Directed Study and Observation of Teaching.

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the four-year curriculum for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

446. Modern Trends in Education.

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested. Topics such as the following are illustrative of the kind that may be taken up: curriculum building; progressive education; the guidance movement; financing education; academic freedom; educational research in special fields, such as reading, visual education, radio in education.

Elective. Prerequisite: Sixteen quarter hours in education. (4 hours.) Fall and summer quarters.

447. Social Psychology.

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the four-year elementary curriculum. Elective in other curricula. Prerequisite: Sixteen quarter hours in education. (4 hours.) Spring and summer quarters.

448. School Organization and Administration.

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. The first half of the course gives an understanding of the problems of administration to enable all members of an organization to cooperate with those in final administrative authority in the formulation of policies. The second half of the course presents the problems of the elementary and high-school principal in organizing and administering schools.

School law and finance as well as current educational problems receive attention in this course.

Elective. Prerequisite: Sixteen quarter hours in education. (4 hours.) Winter quarter.

450. Special Educational Problems.

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested. Through individual conference with the instructor and research in his own field, the student studies the topics which most vitally concern him in his teaching experience.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor. (4 hours.) Summer term.

451. Abnormal Psychology.

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: Twelve quarter hours in education. (4 hours.) Summer term.

452. School Law.

This course takes up the principles of case law applicable to practical problems of school administration. It is intended for school superintendents, principals, and supervisors concerned with the administration of public schools.

Elective. Prerequisite: Twelve quarter hours in education. (4 hours.) Summer term.

453. Extra-Curricular Activities.

The aim of this course is to discover and set up guiding principles for pupil participation in the life of the school. The following activities are considered: Home room and class organization, student council, school clubs, athletic association, state contests, school publications, music clubs, dramatics, social parties, extra-curricular finances. Special consideration is given to two important supplementary school agencies, Boy Scouts and Girl Scouts. In a laboratory period following the class hour, the men of the class are taken through the "Elements of Scoutmastership" to qualify as scoutmasters. For this work they will be awarded the training certificate of the Boy Scouts of America. A similar laboratory period is offered for the women of the class. Students are invited to bring all material available in their own school that bears on the topics of the course.

Elective. Prerequisite: Twelve quarter hours in education. (4 hours.) Summer term.

454. Techniques of Guidance.

The course includes analysis of the principles underlying guidance, interpretation of the role of the teacher in the guidance program, and careful study of the techniques of guidance.

Elective in the four-year curricula. Prerequisite: Education 230, 231, 232, 343, and 344. (4 hours.) Summer term.

455. Mental Hygiene.

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent. (4 hours.) Summer term.

458. History of Industrial Arts and Home Economics in Education.

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted. (4 hours.) Winter quarter.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the director of teacher training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221, 222. Supervised Student Teaching in the Grades.

Required in the two-year curriculum for preparation of teachers for the grades. Teaching 222 elective if B average is made in Teaching 220 and 221. (4 hours for each course.) Every quarter.

441, 442, 443. Supervised Student Teaching in the Major or Minor Subjects.

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject. These courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all four-year curricula. (4 hours for each course.) Every quarter.

ENGLISH

NOTE: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

120, 121. Composition.

A course in the fundamentals of good speaking and writing. Creditable work in English 120, 121 is a prerequisite to teaching in the Training Schools. Credit for English 120, 121 may be earned in one, two, or more quarters according to individual progress. Students who complete English 121 when registered for English 120 may substitute another English credit for English 120, being counted excused from English 120.

Required in all curricula. (4 hours for each course.) Every quarter.

121J. Journalism I.

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in *The Teachers College News.*

Prerequisite: English 120. Accepted for English 121. (4 hours.) Winter quarter.

122. Literature in the Grades.

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the two- and four-year curricula for lower grades. (4 hours.) Winter, spring, and summer quarters.

123. Story-Telling.

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124. (4 hours.) Summer term.

124. Methods in Composition and Literature in Upper Grades.

The teaching of composition and literature in the upper grades is covered as fully as time permits, including discussion of materials, purposes, standards, theme-topics, correcting of compositions, literature in the grades, and methods of teaching. This course is especially recommended to students interested in intermediate, upper grade, or junior high school work.

Prerequisite: English 120 and 121. Required in the two- and four-year curricula for the upper grades unless English 126 is taken. (4 hours.) Spring and summer quarters.

125. Introduction to Literature.

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124 or English 122 may be substituted by these students if they wish to teach at the end of two years. Required in four-year high-school *curricula, except the English and commerce curricula. (4 hours.) Spring quarter.*

126. Grammar.

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the two and four-year elementary curricula for the upper grades unless English 124 is taken; required in the English curriculum. (4 hours.) Every quarter.

141. Business Correspondence.

(See description under "Commerce.")

230, 231. Nineteenth Century Prose Fiction.

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

English 230 required in the English curriculum. English 231 elective. Prerequisite: English 230 to English 231. (4 hours for each course.) English 230, fall quarter; English 231, winter quarter. Summer term.

234. American Literature.

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

Required in the English curriculum. (4 hours.) Spring and summer quarters.

235. Greek Drama.

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Elective. Prerequisite: English 120, 121, 125. (4 hours.) Fall and summer quarters.

236. Shakespeare and the Elizabethan Drama.

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum. (4 hours.) Winter and summer quarters.

237. Modern Drama.

The purpose of this course is to familiarize the student with what is best in modern drama.

Elective. (4 hours.) Spring and summer quarters.

239. Dramatics.

A study of the presentation of plays including the reading of contemporary dramas, the production of at least one play, and the dramatization of an episode or a short story. Some instruction in the coaching of plays is given.

Elective. Accepted for English 237. (4 hours.) Summer term.

340. Methods of Teaching English in the High School.

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum. (4 hours.) Spring quarter.

343. Contemporary Literature.

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall and summer quarters.

344. Advanced Rhetoric.

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Prerequisite: Junior College required English. Required in the English curriculum. Elective in other curricula. (4 hours.) Winter and summer quarters.

344J. Journalism II.

This course is designed to train students in the effective expression of problems of student life. Opportunity is afforded for original work. The present-day newspaper and its relation to contemporary life are discussed.

Prerequisite: English 121J or the equivalent. (4 hours.) Spring quarter.

345. Public Speaking.

(See description of course under Speech 345.)

346, 347, 348. English Poetry.

Appreciation of the art of poetry, and a study of some of the chief English poets, as they illustrate the art. Beowulf to Chaucer; Milton to Burns; Nineteenth Century Poetry.

Required in the English curriculum. Elective in other curricula. (4 hours for each course.) English 346, fall quarter; English 347, winter quarter; English 348, spring quarter. Summer term.

441, 442, 443. Supervised Student Teaching in English.

(4 hours for each course.) Every quarter.

449. The Essay.

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

450, 451. History of the English Language and Literature.

The development of the English language from Anglo-Saxon to the language of today traced concurrently with the history of English literature.

Prerequisite: English 126 or its equivalent. Required in the English curriculum. Not open as elective in other curricula except by special permission of the head of the English department. (4 hours for each course.) Winter and spring quarters.

FOREIGN LANGUAGE

Latin

123. Introductory Latin Reading.

Review of Latin grammar; exercises; practice in sight translation.

Prerequisite: Two years of Latin in high school. (4 hours.) Fall quarter.

124. Orations of Cicero.

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Prerequisite: Latin 123. (4 hours.) Winter quarter.

125. Vergil's Aeneid.

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Prerequisite: Latin 124. (4 hours.) Spring quarter.

230. Cicero's Essays, Selections from De Amicitia and De Senectute.

Class discussion centers around the philosophical views set forth in these works.

Prerequisite: Four years of Latin in high school or two years of Latin in high school and Latin 123, 124, 125. (4 hours.) Fall quarter.

231. Horace, Selections from the Odes, Satires, and Epistles.

Special attention is paid to the poet's philosophy and to various poetic translations of the works of Horace.

Prerequisite: Latin 230. (4 hours.) Winter quarter.

232. Livy, Selections from Books I, XXI, and XXII.

Sources and authenticity of Livy's history.

Prerequisite: Latin 231. (4 hours.) Spring quarter.

340. Methods of Teaching Latin.

Required. Prerequisite: Three years of college Latin. (4 hours.) Spring quarter.

343. Ovid, Selections from Tristia, Heroides, Amores, Fasti, Metamorphoses.

The life and times of Ovid; Roman and Greek mythology.

Required. (4 hours.) Omitted 1942–43.

344. Latin Composition.

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required. (4 hours.) Omitted 1942–43.

345. Medieval Latin.

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required. (4 hours.) Omitted 1942–43.

441, 442, 443. Supervised Student Teaching in Latin.

(4 hours for each course.) Every quarter.

446. Roman Comedy.

The *Menaechmi* or *Captivi* of Plautus; the *Phormio* or *Andria* of Terence.

Required. (4 hours.) Fall quarter.

447. Selections from Martial and Catullus.

Required. (4 hours.) Winter quarter.

448 (237). Latin Literature in Translation.

A survey of Latin literature in English translations made by noteworthy authors. Lectures supply the background for the masterpieces read. The English Department recognizes this as a substitute for English 235 (Greek Drama in Translation) and by special arrangement with the head of the English Department for certain other courses. There is no Latin prerequisite.

Required. (4 hours.) Spring quarter.

General Language

130. Italian.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Fall quarter.

131. French.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Winter quarter.

132. German.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Spring quarter.

French

130, 131, 132. First Year French.

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

233, 234, 235. Second Year French.

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Prerequisite: Two years of high-school French or one year of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

343, 344, 345. Third Year French.

Selected dramas of Molière, Beaumarchais, Marivaux, Hugo, and Rostand. Modern poetry. Reading of moderately difficult texts. Frequent reports on suggested topics; weekly reports of outside reading. Oral themes; conversation.

Prerequisite: Two years of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

German

230, 231, 232. First Year German.

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

Elective. Not open to freshmen. No credit toward graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

333, 334, 335. Second Year German.

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn, Minna von Barnhelm,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

Spanish

130, 131, 132. First Year Spanish.

The fundamentals of grammar; drill in pronunciation; graded readings.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the four-year elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of Physical and Commercial Geography in high school.

Geography 120 and 221 are required of all students who major or minor in geography. Other courses should be selected after consultation with the head of the department.

120. Principles of Geography.

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the grades. Elective in other curricula. (4 hours.) Every quarter.

221. Climatology.

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the upper grades. Elective in other curricula. (4 hours.) Every quarter.

Note: Studies of the continents lead to an understanding of the industrial and commercial development and possibilities of geographic regions.

130. Geography of North America.

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120. Elective in other curricula. (4 hours.) Spring and summer quarters.

231. Geography of South America.

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective in other curricula. (4 hours.) Winter quarter.

233. Physiography.

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required in the geography curriculum. (4 hours.) Fall and summer quarters.

236. Elements of Geology.

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the four-year elementary curriculum and the geography curriculum. (4 hours.) Spring quarter.

340 G. Methods and Materials in the Social Studies and Geography in the Elementary School.

An appraisal of materials, classroom procedures, and community field-study techniques for using the social studies and geography in teaching in the elementary school.

Elective. (4 hours.) Fall quarter.

340 Methods and Materials in the Social Studies and Geography in the Secondary School.

The characteristics of the social studies and of geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required for social science and geography majors. (4 hours.) Omitted 1942–43.

343 (32). Geography of Europe.

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective. (4 hours.) Fall and summer quarters.

345. Geography of Asia.

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Prerequisite: Geography 130, 231, 343. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Geography.

(4 hours for each course.) Every quarter.

446. Urban Geography.

A detailed study of the location, growth, decline, and characteristics of cities as influenced by the natural environment.

Prerequisite: Geography 120, 221. (4 hours.) Omitted 1942–43.

447. Economic Geography.

An advanced course for teachers of commercial geography in high school.

No prerequisite. Open only to students of the Senior College. (4 hours.) Winter quarter.

448. The Conservation of Natural Resources.

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

No prerequisite. Open only to students of the Senior College. (4 hours.) Spring quarter.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum G) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal aid under the Smith-Hughes Law. Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 232, 301, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. Costume Selection and Personality.

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fee 50 cents. Fall and winter quarters.

102. Elementary Nutrition.

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fall and winter quarters.

201. Clothing Construction.

Fundamental principles of clothing construction and renovation. Use of sewing machine attachments.

Required. Prerequisites: Home Economics 101, 232. (4 hours.) Fee 50 cents. Winter quarter.

202. Food Preparation.

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required. Prerequisites: Home Economics 102; Chemistry 130, 131. (4 hours.) Fee $2.00. Fall and spring quarters.

203 (F343). Advanced Food Preparation.

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee $2.00. Winter and spring quarters.

232. Textiles.

Useful information, suggestions, and directions concerning textile fibers, yarns, and fabrics on the market today. A study of the operation and care of the sewing machine.

Required. Prerequisite: Home Economics 101. (4 hours.) Fee 50 cents. Fall and spring quarters.

247. Family Relationships.

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required. Elective in other curricula. (4 hours.) Spring quarter.

301. Meal Planning and Table Service.

Application of food selection, marketing, and the principles of cookery to the serving of meals to both small and large groups of people.

Required. Prerequisites: Home Economics 102, 202, 203. (4 hours.) Fee $2.00. Winter and spring quarters.

304. Advanced Clothing.

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required. Prerequisites: Home Economics 101, 201, 232. (4 hours.) Fee 50 cents. Fall and spring quarters.

340. Methods of Teaching Home Economics.

The organization of home economics in schools with a study of philosophy, objectives, curricula, course of study, content, methods of instruction, and measurements.

Required in the home economics curriculum. (4 hours.) Spring quarter.

344. Nutrition and Dietetics.

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required. Prerequisites: Home Economics 102; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee $2.00. Fall and spring quarters.

345. Home Management.

A study of factors which make for the physical well-being and optimum development of the family and individuals within the family. An opportunity for practical application of principles involved is offered by residence in the Home Management House.

Required in the junior year of the home economics curriculum. (4 hours.) Every quarter.

346. Child Development.

A study of factors involved in the physical, mental, social, and emotional development of children.

Required. Prerequisite: Home Economics 247. (4 hours.) Fall quarter.

350. Consumers' Education.

A study of the consumers' problems in the present-day markets; factors influencing consumers' demands; standardization and informative labeling.

Required. Elective in other curricula. Prerequisite: Social Science 330. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Homemaking Subjects.
Required. (4 hours for each course.) Every quarter.

446a. Home Nursing.

The first half of the course is a study of the principles governing the location, furnishings, and care of the sick room, care of patients, and first aid.

Required. Elective in other curricula. (2 hours.) Spring quarter.

446b. Special Problems in Home Economics.

A problem is selected and independently developed by the student. This problem may be chosen from any of the fields in home economics: clothing and textiles, foods and nutrition, child development, household management.

Required. (2 hours.) Spring quarter.

INDUSTRIAL ARTS

134. Bench Woodwork.

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of woodfinishing. This course is for men; Industrial Arts 230 is for women. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, winter, and summer quarters.

135. Intermediate Woodwork.

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A thorough study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 134. Fee $2.00. (4 hours.) Winter and spring quarters.

136 (135). General Metal.

In this course manipulative skill is developed in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, hammering, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered in this course. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, winter, and summer quarters.

150. Applied Electricity.

This course attempts to meet consumer's needs regarding electricity. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, and the repairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

Required. Fee $2.50 (includes all supplies). (4 hours.) Fall and winter quarters.

224. Primary Grade Handwork.

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the two- and four-year elementary curricula. Fee $2.00. (4 hours.) Fall, spring, and summer quarters.

225. Intermediate Grade Handwork.

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the two-year curriculum unless Industrial Arts 224 is taken. Required in the four-year elementary curriculum. Fee $2.00. (4 hours.) Winter and summer quarters.

226. Sheet Metal.

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required of majors. Fee $2.00. (4 hours.) Spring and summer quarters.

230. Woodwork for Women.

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Elective. Fee $2.00. (4 hours.) Summer term.

231 (131). Mechanical Drawing I.

This course includes instruction in instrumental practice, lettering, make-up of titles, geometrical construction, techniques of drafting, orthographic projection, including auxiliary and sectional views, the development of surfaces, and pictorial representations. Two class discussions and 6 hours laboratory work each week.

Required. Fee $1.50 (includes drawing paper). (4 hours.) Fall quarter.

232 (452). Mechanical Drawing II.

This course is a continuation of Industrial Arts 231 and includes treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. The analysis of projects and shop sketching receive special attention. Complete drawings of machines are made. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 231. Fee $1.50 (includes drawing paper). (4 hours.) Winter quarter.

259 (359). Printing I.

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required. Fee $2.00. (4 hours.) Fall, spring and summer quarters.

260 (460). Printing II.

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 259. Fee $2.00. (4 hours.) Winter, spring and summer quarters.

275. Woodturning.

In this course a study is made of the operation and care and repair of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 134 or shop work approved by instructor. Fee $1.50. (2 hours.) Fall quarter.

336 (236). Millwork.

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 135. Fee $2.00. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Industrial Arts.

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required. Prerequisite: Industrial Arts 134, 136, and 231. (4 hours.) Spring quarter.

345. Industrial Arts Design.

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134, 136, and 232. (2 hours.) Fall quarter.

350. Housing I.

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation, insulation, and a study of principles of construction. A modern house is planned and working drawings are begun. Two class discussions and 6 hours laboratory work each week.

Required. Fee $1.50 (includes drawing paper). (4 hours.) Winter quarter.

352 (448). Machine Metal Work I.

This course presents the basic principles of machine work as applied to the engine lathe. The operation, adjustment, care and repair of the lathe is covered. Two class discussions and six hours of laboratory work each week.

Required. Fee $2.50. (4 hours.) Fall quarter.

354 (449). Machine Metal Work II.

This course covers additional fundamental principles of machine work with applied laboratory work on the drill press, milling machine, and shaper. The care and repair of these machines is included. Two class discussions and six hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 352. Fee $2.50. (4 hours.) Winter quarter.

355. Housing II.

This course is a continuation of Industrial Arts 350. The study of principles of construction is continued, and a study of the legal phases of building, such as permits, specifications, contracts, and mechanic's liens is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 350. Fee $1.50 (includes drawing paper). (4 hours.) Spring quarter.

356. Machine Metal Work III.

In this course the student is required to undertake the construction of a major piece of work as a drill press, shaper, saw, or jointer. The student chooses his problem with the approval of the instructor. Eight hours of laboratory work each week.

Elective. Prerequisite: Industrial Arts 354. Fee $2.50. Spring quarter.

361 (461). Linotype Operation and Maintenance.

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine. Four hours of classwork and 4 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 260. Fee $3.00. (4 hours.) Spring and summer quarters.

363 (463). Traffic Efficiency and Automobile Driving.

Owing to the increased use of the automobile and the great number of automobile accidents, instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts; accidents, their cause and prevention; driving regulations; the art of driving; inspection and maintenance of the automobile; and points to consider in the purchase of an automobile. Individual driving lessons are given.

Required. Fee $2.50. (4 hours.) Omitted 1942–43.

365. Woodfinishing.

This is a special course in woodfinishing. The course includes preparation of wood, staining, varnishing, painting, fuming, lacquering, and polychroming.

Required. Prerequisite: shop work approved by instructor. Fee $1.50 (includes supplies). (2 hours.) Fall quarter.

380. Concrete Work.

This course involves a study of concrete and its uses. Skill is developed in the handling of tools used in concrete work.

Elective. Fee $1.00. (2 hours.) Omitted 1942–43.

437 (237). Machine Woodwork.

This is a course involving furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

Elective. Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. Fee $2.00. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Industrial Arts.

The student spends one hour each day in observing and participating in teaching. Another hour each day is spent in conferences, preparing teaching plans, and studying other pertinent data. Two of the three quarters of teaching are spent in industrial arts subjects and the third quarter is done in the minor field.

(4 hours for each course.) Every quarter.

444. Saw Fitting.

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134 and 336. Fee $1.25 (includes supplies). (2 hours.) Fall quarter.

451. Organization of Subject Matter.

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Elective. Prerequisite: Industrial Arts 340. (2 hours.) Any quarter.

457. General Shop. (Farm Mechanics.)

In this course considerable latitude is allowed the student for the designing and constructing of a special project of his choice. 8 hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Elective. Prerequisite: Industrial Arts 136, 226, 232, 352, and 354. Fee $2.00. (4 hours.) Summer term.

460. Gas and Electric Arc Welding.

This course is devoted to a study of the technical materials in welding and the development of skill in welding with gas, with direct current electricity, and with alternating current electricity. Two class discussions per week and six hours of drill work.

Elective. Fee $5.00. (4 hours.) Spring quarter.

THE USE OF THE LIBRARY

Certain courses offered in the College require considerable work in the library, including reading, and looking up references, and assigned topics. To do this work with the wisest expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some common reference books. Lessons, required of all students, are given in the freshman year of all curricula. An effort is made to have these lessons prepare for library work required of students in other courses.

120. The Use of the Library.

Freshmen who have completed Library XI in the Teachers College High School are excused from all but the last four lessons of Library 120. They should register for Library 120 (XI), given in the first four weeks of the winter quarter.

Required in the freshman year of all curricula. (1 hour.) Every quarter.

220. School Libraries: Selection and Management.

Many teachers of rural and small town schools have the responsibility of managing school libraries in addition to their regular teaching duties. This course in the organization, selection, and evaluation of books and other materials for rural, elementary, and high school libraries is offered to help administer these collections to the best advantage.

No prerequisite. Elective in any curriculum. Not open to freshmen. Two hours daily. Lecture and laboratory. (4 hours.) Summer term.

MATHEMATICS

120. The Science, Psychology, and Teaching of Number.

This course deals with the science, psychology, and teaching o number and its processes and applications. Special attention is give to the subject matter and the technique of teaching mathematics i the first six grades.

Required in the two- and four-year elementary curricula; also re quired in the mathematics curriculum. (4 hours.) Every quarter.

121. Mathematics in the Upper Grades.

The primary object of this course is to prepare teachers of mathe matics for the upper grades of the elementary school. The subjec matter of those grades is discussed from the standpoint of the psycho logical and scientific development and of its use. In presenting thi subject matter, methods of teaching are used that can be readil adapted to the upper grades.

Required in the two- and four-year elementary curricula. (hours.) Winter, spring, and summer quarters.

130 (31). Algebra and Trigonometry.

Three hours a week are devoted to college algebra and one hou to trigonometry. Review of elementary reductions, graphs, the fun tion idea, linear and quadratic equations, systems of equation, secon and third order determinants, exponents, logarithms. Topics fro trigonometry include solution of right triangles and oblique triangle and elementary relations among the trigonometric functions.

Required. Prerequisite: One year or more of high school algebr (4 hours.) Fall quarter.

131 (32). Algebra and Trigonometry.

A continuation of Mathematics 130. The binomial theorem, pr gressions, inequalities, complex numbers, compound interest and a nuities, permutations and combinations, probability, elementary theo of equations. Topics from trigonometry to include identities, trigon metric equations, inverse functions, radian measure, De Moivre Theorem.

Required. Prerequisite: Mathematics 130. (4 hours.) Wint quarter.

132 (30). Solid Geometry.

This is a course in Euclidian solid geometry.

Required of those who have not had solid geometry in high scho Prerequisite: Plane geometry. (4 hours.) Fall quarter.

133 (37). Field Work.

A course in elementary applications of mathematics. Theory a use of the slide rule, construction of computation charts, use of t steel tape, construction and use of the angle mirror, hypsometer, cli meter, use of sextant and transit, elementary problems in surveyi construction and use of a plane table, determination of a meridi The object of the course is to show the possibilities for enrichi high-school mathematics courses.

Required. Prerequisite: Mathematics 130 or high school tr onometry. (4 hours.) Spring quarter.

134. Analytic Geometry.

The geometry of the straight line, circle, parabola, ellipse, and hyperbola. Parametric equations.

Required. Prerequisite: Mathematics 130. (4 hours.) Spring quarter.

228. College Geometry.

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required. (4 hours.) Spring quarter.

235. Calculus.

Introduction to the Differential Calculus.

Required. Prerequisite: Mathematics 134. (4 hours.) Fall quarter.

236. Calculus.

Introduction to the Integral Calculus.

Required. Prerequisite: Mathematics 235. (4 hours.) Winter quarter.

340. Methods of Teaching High-School Mathematics.

Required. (4 hours.) Spring quarter.

343. Algebra.

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required. Prerequisite: Mathematics 235. (4 hours.) Fall quarter.

344. Analytic Geometry.

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required. Prerequisite: Mathematics 343 or its equivalent. (4 hours.) Winter quarter.

345. Calculus.

An extension of Mathematics 235 and 236.

Required. Prerequisite: Mathematics 236. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in High-School Mathematics.

(4 hours for each course.) Every quarter.

446, 447, 448. Differential Equations; Advanced Calculus.

I. Differential Equations. An introduction to the study of ordinary and partial differential equations with applications to geometry and mechanics. First half year.

II. Advanced Calculus. Second half year.

Prerequisite: Mathematics 235, 236, 345. (4 hours for each course.) Fall, winter, and spring quarters.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on pp. 62-63.

In order to meet the needs of the music teacher the following outline of applied music is required. It may be noted that the minimum requirements for all majors are two years of piano and two years of voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	15 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	6 quar. hours

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* Instrumental class hours excused may be added.

Credit in applied music is based upon performance standards an satisfactory progress as determined through individual examinatio conducted at the close of each quarter: One quarter hour of credi for one half-hour private lesson per week plus daily practice; tw quarter hours of credit for two half-hour private lessons per week plu daily practice. Credit is assigned by the instructor at the close of eac course.

133, 134, 135. The first, second, and third quarter's work in Pian Voice, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or Frenc Horn.

(1 or 2 hours.) Every quarter.

233, 234, 235. The fourth, fifth, and sixth quarter's work in applie music subjects.

(1 or 2 hours.) Every quarter.

343, 344, 345. The seventh, eighth, and ninth quarter's work in applie music subjects.

(1 or 2 hours.) Every quarter.

453, 454, 455. The tenth, eleventh, and twelfth quarter's work in applie music subjects.

(1 or 2 hours.) Every quarter.

II. Class Methods of Instruction

126, 127, 128. Class Instruction in Piano.

A beginning course intended for students who have had no prev ous piano study. This year's work substitutes for first year piano i

applied music. Stress is placed on the development of ability to play simple melodies and accompaniments, including sight-reading.

(1 hour for each course.) Fall, winter, and spring quarters.

136, 137, 138. Class Instruction in Voice.

This course is for students who enroll in first year voice. The course is designed to help the student secure a background of fundamental vocal techniques.

(1 hour for each course.) Fall, winter, and spring quarters.

Instrumental Class Methods.

The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed.

236, 237. Violin Class Methods.

(2 hours for each course.) Fall and winter quarters.

238. Violoncello and Contra-bass Class Methods.

(2 hours.) Spring quarter.

336. Woodwind Class Methods—Clarinets.

(2 hours.) Fall quarter.

337. Brass Class Methods—Trumpet and Horn.

(2 hours.) Winter quarter.

338. Woodwind Class Methods—Flute, Oboe, and Bassoon.

(2 hours.) Spring quarter.

339. Brass and Percussion Methods—Trombone, Baritone, Tuba, and Drums.

(2 hours.) Spring quarter.

III. Theory and History of Music

123, 124, 125. Sight-Singing and Ear-Training.

Development of skills in sight-reading through a study of materials of the elementary school and the high school. Includes work in oral and written tonal dictation leading to a sense of tonality and comprehension of the musical vocabulary. Emphasis is placed on harmonizing simple melodies at the piano keyboard.

(2 hours for each course.) Fall, winter, and spring quarters.

229. Music Appreciation.

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many

favorite selections from the great music literature are made familiar through hearing and analysis.

(4 hours.) Fall and winter quarters.

230, 231, 232. Harmony.

A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Prerequisite: Music 125. (4 hours for each course.) Fall, winter, and spring quarters.

347. Orchestration.

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups is required.

Prerequisite: Music 232. (2 hours.) Spring quarter.

351, 352, 353. History and Appreciation of Music.

The first two courses emphasize the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The third quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

(4 hours for each course.) Fall, winter, and spring quarters.

449 (338). Elementary Choral Conducting.

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

(2 hours.) Fall quarter.

450. Advanced Conducting.

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Prerequisite: Music 449. (2 hours.) Winter quarter.

IV. Music Education

120. Elements of Musicianship.

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the two- and four-year elementary curricula. Not open to students who have credit for Sight-Singing, Ear-Training, and Aural Theory. Prerequisite: Music 228. (4 hours.) Fall, winter, and spring quarters.

227. Music in Rural Schools.

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Characteristics of the child voice through the elementary school period; the off-tune singer. The Iowa Phonograph-Choir Plan. Rhythmic development of children; eurhythmics; singing games; rhythm bands. Part-singing. Development of music reading ability. The program of appreciation through listening experiences. Problems of supervision.

(2 hours.) Summer term.

228. Music in Elementary Schools.

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

Required in the music curriculum and in the four-year elementary curriculum. Prerequisite in the four-year elementary curriculum: Music 120. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Music in High Schools.

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

Required in the music curriculum. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Music.

Supervised experience in teaching the various activities of the vocal and instrumental music program in the campus elementary and secondary schools.

(4 hours for each course.) Fall, winter, and spring quarters.

451. Music Supervision.

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria are given for evaluating music instruction, and methods of improving the music teaching of grade, rural, and high school teachers. The problems of supervision are surveyed.

Prerequisite: Music 228 and at least one quarter of music teaching. (2 hours.) Spring quarter.

452. Psychology of Music.

A study of psychological concepts of musical factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the musical instruments.

Open to seniors or others by permission of instructor. (4 hours.) Summer term.

V. Music Organizations and Activities

College A Cappella Choir.

A group of men and women chosen by means of voice tests. The choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly. (1 hour for each year's work; required for music majors and minors as prescribed on page 63.)

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week. (1 hour for each year's work; required for music majors and minors as prescribed on page 63.)

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsals each week. (1 hour for each year's work; required for music majors and minors as prescribed on page 63.)

Symphonic Band.

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Three rehearsals are held each week. (1 hour for each year's work; required for music majors and minors as prescribed on page 63.)

Orchestra.

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Three rehearsals each week. (1 hour for each year's work required for music majors and minors as prescribed on page 63.)

Recitals.

Each student is required to play or sing a suitable piece at leas two times during the year on a Student Recital program. Valuable experience is thus gained through public performance. Attendance by all music minors and majors is required for these recitals as well a other music events sponsored by the Department of Music. The Head of the Department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week for two years, is required of all men. **Students must take this work in the freshman and sophomore years.** The courses consist in elementary work in the following activities:

Gymnastics	Basketball
Tumbling	Volleyball
Apparatus work	Golf
Softball	Tennis

The required work in Physical Education is also offered in the summer term.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Credit earned in the required courses in physical education is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

Equipment. Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition.

Professional Courses

120. Sport Technique in Tennis, Golf, Archery, and Badminton.

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports.

Required. (4 hours.) Fall quarter.

121. Elementary Gymnastics.

This course includes the theory and practice of gymnastics, tumbling stunts, calisthenics, and marching. Methods of teaching these activities, care of apparatus, mats, and technique of spotting.

Required. (4 hours.) Winter quarter.

122 (121). Outdoor Recreational Sports.

The rules, technique, and strategy are studied and practiced in soccer, touch football, volleyball, and softball; also teaching and appreciation of these sports.

Required. (4 hours.) Spring quarter.

226. Physical Education Activities for Elementary, Junior, and Senior High Schools.

This course includes the study and practice of the physical education activities for the different age levels; including the organization, management, and methods in the leadership of the various activities.

Required. (4 hours.) Winter quarter.

227. Physical Education and Health Education in Elementary, Junior, and Senior High Schools.

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students; evaluation of various methods and procedures; also the relationship of activities to the health program.

Required. (4 hours.) Spring quarter.

340. Methods and Materials for Teaching Physical Education.

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required. (4 hours.) Spring quarter.

344. Kinesiology.

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Anatomy 225. (4 hours.) Fall quarter.

347. Basketball Coaching.

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required. (4 hours.) Fall quarter.

348. Football Coaching.

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required. (4 hours.) Spring quarter.

349. Track and Field Coaching.

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required. (4 hours.) Spring quarter.

350. Baseball Coaching.

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Physical Education in the High School and Elementary School.

(4 hours for each course.) Every quarter.

451. Principles of Physical Education.

A review of the historic background of physical education is given to trace the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relation of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives in physical education are considered.

Elective. (4 hours.) Fall quarter.

452. Physical Education Administration and Supervision.

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications; the planning of courses of study; the construction, equipment, and upkeep of gymnasia and playfields; records, interschool relations, and the intramural program.

Elective. (4 hours.) Winter quarter.

453. Advanced Gymnastics.

This course is designed for those who wish to take advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, use of the lunging belt and safety devices; organization for public demonstrations.

Elective. (4 hours.) Winter quarter.

PHYSICAL EDUCATION FOR WOMEN

Physical Education, two hours a week for two years, is required. **Students must take this work in the freshman and sophomore years.** This is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

The required work in Physical Education is also offered in the summer term.

Freshmen

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythm Analysis. An understanding of the fundamentals of rhythm as applied to bodily movement. An opportunity for expression and satisfaction of bodily movement through rhythmical activities including folk dancing and social dancing.

(1 hour.) Winter quarter.

Tap Dancing. Analysis of the fundamental tap steps, application of these into tap routines and finally actual learning of tap dances. Emphasis is put on rhythmical training and the opportunity for expression and satisfaction of bodily movement through a rhythmical activity.

(1 hour.) Winter quarter.

Sports. Baseball, tennis, golf. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Spring quarter.

Sophomores

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythms for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of rhythmic activities used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of games used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Rhythms for the Junior and Senior High School.

This course is required of all students planning to teach in the junior or senior high school. The purpose is to give instruction in the choice, use, and presentation of folk dances, tap dances, and rhythmic activities used in the junior and senior high school and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Junior and Senior High School.

This course is required of all students planning to teach in the junior and senior high school. The purpose is to give instruction in the choice, use, and presentation of games for the junior and senior high school and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Requirements for a Minor in Physical Education for Women

Note 1: Required courses are: Anatomy 225, Physical Education 346, Physical Education 451. Three other courses to be chosen from Physical Education 231, 232, 343, 344, 450, 454. (Anatomy 225 should precede all other courses, and Physical Education 451 should be the last course taken. Other courses may be taken in any order.)

Note 2: Students taking a minor in physical education are required to participate in the activities of the Women's Athletic Association each year of residence.

225. Anatomy. (See course description under Zoology.)

231. Methods of Teaching Games in Elementary School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the elementary school.

(4 hours.) Winter and summer terms.

232. Methods of Teaching Games in High School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the high school.

(4 hours.) Spring and summer terms.

343. Technique of Baseball and Tennis.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Spring quarter.

344. Leadership in Recreation.

This course is planned for the purpose of training leaders in the recreation field. Objectives, methods, and content are discussed, observed, and practiced. The theory of leadership, recreational activities, organization of girls' clubs, the conduct of parties, community recreation, playground supervision, and hobbies are studied.

(*4 hours.*) *Fall or spring quarters.*

346. Dance in Education.

Fundamentals in rhythm analysis as applied to the teaching of rhythm in the physical education program. This course includes the analysis of dance steps, the fundamentals of rhythmical knowledge as applied to bodily movement, and methods in teaching.

Required. Prerequisite: Rhythm analysis in winter term of freshman year. (4 hours.) Winter quarter.

450. Technique of Basketball and Volley Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Winter quarter.

451. Principles of Physical Education.

The relation of physical education to general education; the guiding principles upon which the program of physical education is based. The student groups set up definite situations for which they build physical education curricula for elementary and secondary schools.

Required. (4 hours.) Spring quarter.

454. Technique of Archery, Soccer, Field Ball, and Speed Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of rules preparatory to teaching them.

(4 hours.) Fall quarter.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. Hygiene and Sanitation.

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

Required in all curricula. (4 hours.) Every quarter.

345. Physiology.

A study of the basic physiological principles is followed by experimental studies of muscle nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Anatomy 225. Elective in other curricula. (4 hours.) Winter quarter.

346. Physiology.

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345. (4 hours.) Spring quarter.

II. Botany

Botany 120, 121, 122 has been designed first as a contribution to the general education of a student who does not take further courses in the biological sciences. A definite attempt is made to develop the ability to make accurate observations and to evaluate critically first-hand data in the solving of problems; to understand environment and its effect upon living organisms; to know the important groups of plants in his community and to be able to identify many species; and to use the laboratory tools and to attain some proficiency with the techniques of a science laboratory.

These courses are equally fundamental for those who major or minor in botany or zoology, for those who continue in graduate work, and for those who wish the experience of a year of laboratory science that is of value after graduation.

120. General Botany.

A course designed to give the student a knowledge of the fundamental physiological processes concerned in the growth of plants, and of the external and internal structures which are concerned in these processes in leaves, stems, and roots. It includes also the effects of environment on these processes and structures.

Required in the two-year curriculum, unless Zoology 123 (or 120) or Botany 121 or 122 is taken. Elective in other curricula. (4 hours.) Every quarter.

121. General Botany.

A study of the reproduction of flowering plants, the development of fruit and seeds from the parts of the flower, the mechanism of heredity, and a brief study of the great groups of plants.

Required. Prerequisite: Botany 120. (4 hours.) Winter and summer quarters.

122. General Local Flora and Plant Ecology.

An introduction to the geographic and physiographic ecology of North America. The identification of trees in winter and summer condition, of the common fresh water algae, liverworts, mosses and ferns, and of flowering plants as the season advances; and a study of structures which is necessary for the recognition of these forms. The course is designed especially for those who expect to teach biological science in secondary schools.

Required. Prerequisite: Botany 120, 121, or permission of the instructor. (4 hours.) Spring and summer quarters.

230. The Morphology of Green Plants.

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups. The course consists mostly of laboratory work.

Required. Prerequisite: Botany 120, 121. (4 hours.) Fall quarter.

231. Introduction to Fungi and Plant Diseases.

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required. Prerequisite: Botany 120, 121. (4 hours.) Winter quarter.

232. Economic Botany.

The relation of vegetation centers to crop centers; the effect of environment factors on the production of carbohydrates, fats, fibers, and other plant products; the value of micro-organisms in the important economic practices carried on by their use; the control of the life processes of plants with special reference to the cultural practices in the art of agriculture and in industry. This is not a laboratory course, but some field trips are required.

Required. Prerequisite: Botany 120, 121. (4 hours.) Spring quarter.

235. Microbiology.

A study of the occurrence, numbers, and distribution of the bacteria and other fungi; the culture and isolation of bacteria and other fungi; the microbiology of foods, water, and sewage; the economic uses of the activity of micro-organisms.

Prerequisite: Botany 120 and one year of chemistry. Required of home economics majors and open to other students of junior or senior standing. It is a desirable unit in a botany minor. (4 hours.) Every quarter.

340. Methods of Teaching Botany.

The course includes methods of teaching high-school botany and also the collection and preparation of material for demonstration and laboratory in high-school botany.

Required. Prerequisite: Two years' work in college botany. (4 hours.) Spring quarter.

343. Microtechnic.

A course designed for the purpose of giving the student a knowledge of the preparation of botanical material for class use and for the making of microscopic slides. It is desirable that students in this course shall have had a year of chemistry.

Required. Prerequisite: Botany 120, 121, 122, and 230, or the equivalent. (4 hours.) Winter quarter.

344. Experimental Plant Physiology.

A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth of plants.

Required. Prerequisite: One year of chemistry and Botany 120, 121. (4 hours.) Fall quarter.

345. Advanced Botany.

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Elective. Prerequisite: Five quarters of botany and the instructor's permission. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Botany.

(4 hours for each course.) Every quarter.

446. Plant Anatomy and Wood Identification.

A critical study of the development of the tissues of the leaves, stems, and roots of the seed plants; their common ecological variations and hereditary types. A study is made of the structure of the wood of trees with special reference to the anatomy necessary for wood identification.

Required. Prerequisite: Botany 120, 121, 122. (4 hours.) Spring quarter.

III. Zoology

The courses offered in the zoology department are designed to serve three general purposes: (1) to enable students to develop a well-rounded knowledge of the field of zoology, sufficient to meet the requirements of a major or minor subject; (2) to give a knowledge of materials and methods for the teaching of science in the elementary school as well as in the high school; (3) to enable the student to fulfill the requirement of a year of laboratory science.

Zoology 120, 121, 122 form a year's work which has several definite aims. The introduction and use of the scientific method is stressed, and an effort is made to install it as a part of the student's mental habits. A survey of all the varied fields of zoology is given in these courses and emphasis is placed on those fundamental principles which may be directly applied to the student's own life. The importance of the knowledge of certain general principles to the solution of some of our social problems is advanced. Finally, a knowledge is given of those animals which are found in our environment and which may merely hold our attention or seriously affect our economic status.

The remaining courses in the department are designed to give a more detailed knowledge of the field of zoology to those who desire to make it a major or minor field of study. This enables them to teach the subject or to continue in graduate work.

120. Animal Biology.

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Required. (4 hours.) Fall and summer quarters.

121. Animal Biology.

This course is concerned with the various types of reproduction in animals and with genetics and eugenics.

Required. Prerequisite: Zoology 120 or equivalent. (4 hours.) Winter and alternate summer quarters.

122. Animal Biology.

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, and evolution are considered. Students enrolled in this course must either buy or rent a set of dissecting instruments.

Required. (4 hours.) Spring and summer quarters.

123. Nature Study.

This course is designed to meet the biology requirement of the two-year curriculum. Its aim is to give a background for the teaching of nature study in the grades. It replaces the former requirement of Zoology 120. The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

Required in the freshman year of the two-year curriculum unless Botany 120 is taken. Accepted for Zoology 120. (4 hours.) Spring quarter.

124. Nature Study.

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter of the course. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

125. Nature Study.

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

225. Anatomy.

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula. (4 hours.) Fall quarter.

230, 231, 232. Vertebrate Zoology.

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology, 232, with birds and mammals.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

340. Methods of Teaching Zoology.

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required. (4 hours.) Spring quarter.

343, 344, 345. Advanced Zoology.

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied. It prepares for teaching biological science in the upper grades or high school.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

441, 442, 443. Supervised Student Teaching in Zoology.

(4 hours for each course.) Every quarter.

446. Microtechnic.

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Any quarter.

447. Animal Behavior.

Theoretical and experimental studies of the reactions of animals to various stimuli.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1942–43.

448. Animal Ecology.

A study of various animal associations and the effects of environmental conditions.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1942–43.

449. Special Problems in Zoology.

Students who have had three years' work in zoology may elect this course. With the consent of the instructor a problem which is of interest to the student is selected to give training in original work in the field of zoology. Weekly conferences with the instructor guide the student and a written report of the work is required at the end of the quarter.

Elective. Prerequisite: Three years of work in zoology. (4 hours.) Any quarter, with the permission of the instructor.

IV. Biology

The year's work is an integrated course covering the fundamentals of botany and zoology. The course is planned to acquaint the student, who presumably will take only one year of biological science, with the basic principles of that science. The course is organized on the premise that a course emphasizing living processes in general, interdependence of living things, life histories, and economic importance will be of far more value to students who are not majoring in the biological sciences than a necessarily more narrow course in either botany or zoology. The definite aims considered in the organization of the course prevent biology from becoming a chaotic or confusing body of information, and in the year's work much is done in developing a scientific attitude in the solution of problems.

Plant and animal structures and modifications are studied. This is followed by a study of the metabolic processes in which consideration is given to the food and energy relations of living things. Reproduction, the laws of heredity, and embryology are the next units considered. Then follows a study and general survey of the great groups of the plant and animal kingdoms. The year's course in biology is made more vital and interesting to the student by field trips, in which are studied local flora and fauna, sewage disposal, and water filtration as well as other biological factors which directly influence the lives of people living in an organized society.

126, 127, 128. General Biological Science.

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the four-year elementary curriculum. Elective as a year of laboratory science in any four-year curriculum. Does not count as a part of a minor in botany or zoology. (4 hours for each course.) Fall, winter, and spring quarters.

129. Elementary Science.

This course is planned to serve two main purposes: (1) to acquaint the teacher with content suitable for an elementary science course, (2) to acquaint the teacher with the technique of the unit method which is recommended in bulletins on the elementary curriculum issued recently by the Illinois State Department of Instruction. The class is given the opportunity of observing the work of the sixth grade in elementary science which is taught by the unit method. The course is conducted by a member of the science department and a critic from the Training School. Serious consideration is given to the matter of handling units in science with equipment which is available in the typical elementary school.

Elective. (4 hours.) Summer term.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132 or 150, 151, 152). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450, or 451, or 452 (one quarter) unless Chemistry 446, 447, 448 is elected is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

The first course in chemistry is planned as a year's work in laboratory science for both the students who will take no more science and the ones who go on. This work is basic to all other chemistry courses and for anyone who seeks knowledge in the fields of biological or medical science. It is also very important to anyone wishing to understand something of the tremendously important part chemistry plays in our modern economic and social system.

Those who offer a year course in High School Chemistry on entrance should take the placement examination and register in Chemistry 150, 151, and 152 in place of Chemistry 130, 131, and 132.

130. Elementary Chemistry.

An introduction to the basic ideas and principles of the science. Such fundamentals as atomic structure, molecular combination, periodic table, oxidation and reduction, equilibria, etc., are studied and used as a foundation for developing an understanding of chemistry.

Open to students who have had no high school chemistry. (4 hours.) Fall quarter.

131, 132. Elementary Chemistry.

A continuation of Chemistry 130. The remainder of the nonmetals, the simpler carbon compounds and the more common metals are studied. The work on the metals is supplemented by an introduction to qualitative analysis in the laboratory during the spring quarter.

Open to students who have had no high school chemistry. Prerequisite: Chemistry 130. (4 hours for each course.) Winter and spring quarters.

150, 151, 152. General Chemistry.

A survey of the field of chemistry covering the same general material as in Chemistry 130, 131, and 132 but in greater detail. Greater stress is laid on the applications of chemistry to present-day life, and more time is devoted to organic chemistry than is possible in the other courses.

Prerequisite: Completion of a satisfactory course in high school chemistry and the passing of a placement test. (4 hours for each course.) Fall, winter, and spring quarters.

210, 211a. Organic Chemistry for Home Economics Majors.

A short course in organic chemistry covering the basic principles and the more important compounds. Introductory to biochemistry.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131. (6 hours.) Fall and winter quarters.

211b, 212. Biochemistry.

The organic and biochemistry of foods, digestion, and other phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210 and 211a or 343 and 344. (6 hours.) Winter and spring quarters.

233. Qualitative Analysis.

The chemistry of the metals and the principles involved in their separation and determination.

Required. Prerequisite: Chemistry 130, 131, 132, and Physics 130 or Physics 130 may be taken concurrently. (4 hours.) Fall quarter.

234a. Qualitative Analysis.

A continuation of Chemistry 233. Anion analysis.

Required. (2 hours.) Winter quarter.

234b. Quantitative Analysis.

Calibration of apparatus and an introduction to volumetric analysis.

Required. Prerequisite: Chemistry 233. (2 hours.) Winter quarter.

235. Quantitative Analysis.

Continuation of Chemistry 234b and gravimetric analysis.

Required. Prerequisite: Chemistry 234. (4 hours.) Spring quarter.

300. Photography.

The general theory and use of the camera and its various parts, the emulsion, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition, etc., are studied. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera. (4 hours.) Winter and summer quarters.

310. Modern Chemistry and Its Application to National Defense.

A course designed to acquaint the student with the part played by chemistry in the present world conflict. Topics surveyed include the preparation and properties of explosives, strategic metals, plastics, synthetic rubbers, etc.

Prerequisite: One year of college chemistry. (4 hours.) Summer term.

340. Methods of Teaching Chemistry.

Required. (4 hours.) Spring quarter.

343, 344, 345. Organic Chemistry.

A study of the aliphatic and aromatic series and the principles of organic chemistry.

Required. Prerequisite: Chemistry 130, 131, 132. (4 hours for each course.) Fall, winter, and spring quarters.

360. Colloids.

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry.

Elective. Prerequisite: Two years of college chemistry, part of which should include organic chemistry. (4 hours.) Omitted 1942–43.

441, 442, 443. Supervised Student Teaching in Chemistry.

(4 hours for each course.) Every quarter.

446, 447, 448. Physical Chemistry.

A study of fundamental physical properties governing chemical reactions.

Elective. Prerequisite: Chemistry 233, 234, 235; Physics 130, 131, 132; Mathematics 235 and 236. (Mathematics 345 and Chemistry 343, 344, 345 are desirable.) (4 hours for each course.) Fall, winter, and spring quarters.

450, 451, 452. Advanced Chemistry.

Laboratory technique, maintenance and repair of apparatus such as that found in the average high-school laboratory, and use of the literature of chemistry are developed in the student by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department. One quarter's work is required of all chemistry majors.

Chemistry 450 is required unless Chemistry 446, 447, 448 is taken. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Any quarter, by permission.

II. Physics

The first year in physics is planned to give the whole field of physics in perspective. It is to serve as the ground work for physics majors and minors by giving a first acquaintance to all departments of the field, thus preparing for the more specialized work to follow. It is also planned to meet the needs of students who wish to take it as the required course in laboratory science for its general cultural value. An effort is made to interpret physical environment in terms of general laws so that one can understand natural phenomena in an ordered fashion. Also an appreciation for scientific method is emphasized in order to give impetus to clear and unprejudiced thinking.

For the duration of the war courses in electricity and radio are offered to help students prepare for technical service in the armed forces. The regular advanced courses will probably be discontinued for the duration of the war. Any student contemplating taking these courses for a specific problem is advised to consult the physics department concerning the proper selection and order of the courses.

130, 131, 132. First Year of College Physics.

Physics 130, mechanics; Physics 131, heat, light, and sound; Physics 132, magnetism and electricity, and modern physics.

Required. (4 hours for each course.) Fall, winter, and spring quarters.

235. Mechanics and Heat.

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

236. Light.

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

237. Electron Physics.

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

Required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Omitted 1942–43.

238. Sound.

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing. A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music. (4 hours.) Omitted 1942–43.

243 (343). First Principles of Radio.

An introductory course in the subject of radio. The course includes the study of some typical circuits used in receiving sets, and the functions of the various parts. Class and laboratory.

Prerequisite: Physics 132. (4 hours.) Every quarter.

244 (344). Electrical Measurements.

A course in the study and use of electrical measuring and testing instruments with special consideration for their use in radio work. Class and laboratory.

Prerequisite: Physics 132. (4 hours.) Fall and winter quarters.

245. Electrical Circuits.

Circuit analysis for both D.C. and A.C. circuits. Typical methods used in radio problems are studied. Also the function of inductance, capacitance, and resistance in circuits.

Prerequisite: Physics 132. (4 hours.) Fall and spring quarters.

246. Electric Motors, Generators, and Power Lines.

This course deals with the generation, distribution, and use of electricity. Standard types of generators and motors are studied. Definite problems associated with wiring are studied. Class and laboratory.

Prerequisite: Physics 132 and preferably Physics 245. (4 hours.) Spring quarter.

322. Household Physics.

This course is especially designed for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home. A considerable part of the laboratory work deals with household appliances.

Required in the home economics curriculum. (4 hours.) Winter quarter.

340, 441, 442, 443. Methods and Supervised Student Teaching in Physics.

Required. (4 hours for each course.) Physics 340, spring quarter; Teaching 441, 442, 443, every quarter.

348. Mechanics, Theory.

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Omitted 1942–43.

349. Heat, Theory.

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130. (4 hours.) Omitted 1942–43.

350. Electricity and Magnetism, Theory.

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Omitted 1942–43.

361. Radio Servicing.

A study of the problems encountered in ordinary radio servicing. Methods of testing for various faults and routine procedure for analyzing. Theory and practice.

Prerequisite: Physics 243 and 244. Physics 244 may be taken concurrently. (4 hours.) Every quarter.

362. Advanced Principles of Radio.

In this course a thorough analysis is made of the functions of various parts used in radio work. Class a, b, and c receivers and transmitters are studied in terms of the advantages and uses of each class. Measurements are made of the performance of each part of the circuit.

Prerequisite: Physics 243, 244, 245. (4 hours.) Spring quarter.

363. Applications of Radio Tubes.

A study is made of the construction of radio tubes, the operating characteristics and use of radio tubes in various branches of service. Attention is given to the use of radio tubes in other than ordinary radio circuits.

Prerequisite: Physics 243, 245. Physics 245 may be taken concurrently. (4 hours.) Winter quarter.

451. Light, Theory.

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry. (4 hours.) Omitted 1942-43.

452, 453. Modern Physics.

A survey of basic experiments and theories of modern physics. Radio-activity; discharge of electricity through gases; X-rays; photoelectricity; the structure of matter and the periodic table; matter and radiation.

Prerequisite: Physics 130, 131, 132, and trigonometry. (4 hours for each course.) Omitted 1942-43.

464. Wave Motion.

This is a study of wave motion including both radio and sound. The equations of wave forms are developed. The relations of apparatus, characteristics and origin and propagation of waves are studied. Theory.

Recommended for mathematics majors. Prerequisite: One year of college physics. (4 hours.) Winter quarter.

465. Ultra-High Frequency.

This is a course in the basic principles of ultra-high frequency as related to its applications in the war service. These waves are used principally in connection with the detection of airplanes.

Prerequisite: At least three other courses in radio. (4 hours.) Spring quarter.

470. Radio Servicing Problems.

This is a course in the study of problems encountered in radio servicing. All laboratory course. Problems will be assigned according to the needs of different students.

Prerequisite: At least three other radio courses, including Physics

361. (4 hours.) Every quarter.

471. Radio Construction Problems.

This is an all laboratory course in the design and construction of new equipment, including the drawing of circuit diagrams, and construction from blue prints.

Prerequisite: At least three other radio courses, including Physics 362 and 363. (4 hours.) Every quarter.

472. Radio Measurements.

This is a course in the measurement of the operation; characteristics of various radio apparatus.

Prerequisite: Physics 471. (4 hours.) Every quarter.

III. Physical Science

100, 101, 102. Physical Science.

This is a survey course in chemistry and physics in which the basic principles of both sciences are studied. The appreciation of the changes brought about in our daily life by the development and application of the physical sciences is stressed. Attention is largely directed toward those phases most likely to be encountered in the elementary school.

Required in the four-year elementary curriculum. Elective as a year of laboratory science. It may not be counted toward a minor in chemistry or physics. (4 hours for each course.) Fall, winter, and spring quarters.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 1 year of economics or sociology; 340 and 441, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; and 346, 347, 348, or Social Science 363, 364, 365 or 354, 355, 356.

137. Greek Civilization.

This course includes a brief survey of the civilizations of the Nile, Tigris, and the Euphrates valleys. The chief emphasis is on the early Greek settlements, their colonial expansion, the development of their economic and political institutions, their cultural life, and their contributions to the development of civilization.

Required. (4 hours.) Fall quarter.

138. Roman History.

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

Required. (4 hours.) Winter quarter.

139. Medieval Europe, 500 to 1500 A. D.

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

Required. (4 hours.) Spring quarter.

233. History of the United States, 1492-1824.

A brief survey of American exploration and colonization against the European background, with a more intensive study of the formation of the Union and the foundation of traditional American policies.

Required. (4 hours.) Fall quarter.

234. History of the United States, 1824-1876.

Jacksonian Democracy and the beginnings of the modern pattern of political action; sectionalism and the westward movement; the Civil War and its aftermath.

Required. (4 hours.) Winter quarter.

235. History of the United States, 1876 to the Present.

Development of industrial America and origins of present-day social and economic problems: movements for liberal reform; the first World War and post-war problems; an attempt to evaluate the New Deal; the nation once more in a world at war; our war effort.

Required. (4 hours.) Spring quarter.

330. Modern Economic Problems.

The nature and varieties of economic behavior. The important concepts of the subject are business organization and accounting, the individual business man and the corporation, the control of corporations, capitalism, production, distribution and consumption, price theory and market tactics, competition, conditions and the significance of imperfect competition, the problems of labor and wages, the economic position of the farmer, standards of living and our economic behavior, and the government and business.

Required in the industrial arts and home economics curricula. (4 hours.) Fall quarter, home economics majors; winter quarter, industrial arts majors.

340 G. Methods and Materials in the Social Studies and Geography in the Elementary School.

An appraisal of materials, classroom procedures, and community field-study techniques for using the social studies and geography in teaching in the elementary school.

Elective. (4 hours.) Fall quarter.

340. Methods and Materials in the Social Studies and Geography in the Secondary School.

The characteristics of the social studies and of geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required for social science and geography majors. (4 hours.) Omitted 1942–43.

343. The History of England to 1603.

Early settlement of the British Isles; Roman occupation; Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

344. History of England, 1603-1830.

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum. Elective in other curricula. (4 hours.) Winter quarter.

345. The History of the British Empire, 1830 to the Present.

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the first World War and its consequences; the Empire faces its greatest test in the second World War.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

346. History of Europe, 1500-1789.

The New World, colonization and trade rivalry; the Reformation and revolt from the Church; the predominance of Spain, the rise of France and the long struggle between France and the Hapsburgs and between France and England; the development of the British Empire; the rise of Prussia and Russia; the Intellectual Revolution.

Required. (4 hours.) Fall quarter.

347. History of Europe, 1789-1871.

The French Revolution and the era of Napoleon; the Industrial Revolution; the revolutionary movements in Europe; the unification of Italy and of Germany; the rapid expansion of commerce; the increasing prominence of India, China, and Japan; the development of science and education.

Required. (4 hours.) Winter quarter.

348. History of Europe, 1871 to the Present.

The development of nationalism; commercial and colonial rivalry and military and naval rivalry; the Triple Alliance, the Triple Entente; the causes of the first World War and the revolution in the methods of warfare; the treaties of peace and the League of Nations; the revolutionary dictatorships and the trial of civilization in the second World War.

Required. (4 hours.) Spring quarter.

349 (239). Latin-American History to 1830.

A survey of the period of exploration and settlement of the Spanish and Portuguese empires in the western world. Colonial development. The era of revolution and independence. The relationships between the Latin-American colonies and nations with the English colonies and the United States.

Elective. (4 hours.) Fall quarter.

350. Latin-American History since 1830.

Political, economic, and cultural developments south of the Rio Grande. The relationships between the Latin-American republics and the United States. Emphasis on the Monroe Doctrine, the Pan-American Union, and the "Good Neighbor" policy.

Elective. (4 hours.) Winter quarter.

351. History of Canada.

The settlement of French Canada. French colonial development. The conquest of French Canada by the British. The change from colonial Canada to the Dominion. Political, economic, and cultural growth of Canada as a part of the British Empire. The relationships between Canada and the United States. Emphasis on cooperation between the two countries.

Elective. (4 hours.) Spring quarter.

354. Principles of Economics.

Basic characteristics of the economic order; free private enterprise and capitalistic organization of industry; the operation of the existing economic order; price as influenced by competition, cost of production, monopoly, and public authority.

Required in the commerce curriculum. Elective in other curricula. (4 hours.) Fall quarter.

355. Principles of Economics, Continued.

The business cycle, determination of price level; position of the consumer; the labor bargain and the labor problem; the reward of capital and of business enterprise; the support of the state; international economic policies; monetary and financial problems.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354. (4 hours.) Winter quarter.

356. Money and Banking.

Money, currency, and credit; functions and qualities of money; banks, kinds of banks, their organization and functions; the Federal Reserve system and its functions; bank credit, the problem of its control; theories of value and prices; international connection of prices; the problem of the control of the price level.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354, 355. (4 hours.) Spring quarter.

363. State Government.

A study of the structure and functions of the government of the state. The course directs attention particularly to the government of Illinois. The obligations of good citizenship are stressed. The Constitution of Illinois is examined in detail. Suggestions concerning the technique of teaching government in high school are included in all the government courses offered in the college. Students are made familiar with desirable illustrative material and choice collateral reading.

Required. (4 hours.) Fall and summer quarters.

364. Local Government.

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units. The governments of typical cities, townships, and counties of Illinois are studied in detail. The obligations of good citizenship are stressed, with particular attention to the responsibilities of the teacher to his community.

Required. (4 hours.) Winter and summer quarters.

365. The National Government.

A study of the structure and functions of the national government of the United States, with particular attention paid to federal-state relationships. The development of federal institutions is traced. The Constitution of the United States is examined in detail. The obligations of federal citizenship are stressed.

Required. (4 hours.) Spring and summer quarters.

366. Political Parties and Politics.

A study of the development, organization, and functions of political parties in the United States. The significance of the political party, from local community to nation, is examined. The practical workings of political groups are studied, together with suggestions for desirable reforms and an examination of the part the individual citizen can play in securing these reforms.

Elective. (4 hours.) Omitted 1942–43.

367. International Relations of the United States.

A study of the place of the United States in the world community with particular attention to the methods and policies of the United States in dealing with foreign nations. The development of the machinery and spirit of international cooperation is traced.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in High School Social Science.

(4 hours for each course.) Every quarter.

453. The Community and Society.

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum. (4 hours.) Fall quarter.

454. Principles of Sociology.

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture, and the social organization, social control, and social reform.

Elective. (4 hours.) Winter quarter.

455. Social Problems and Social Trends.

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Elective. (4 hours.) Spring quarter.

SPEECH

Requirements for a minor in Speech: Speech 130, 132, 233, 331 (31), 345, 444.

130. Fundamentals of Speech.

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required. (4 hours.) Fall quarter.

131. Dramatics for Elementary Grades.

This course presents dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects are taught. The problem of choice of plays is presented.

Required. (4 hours.) Winter quarter.

132. Voice and Diction.

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

Required. (4 hours.) Spring quarter.

233. Principles of Speech Correction.

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

Required. (4 hours.) Fall quarter.

234. Advanced Principles of Speech Correction.

Required. Prerequisite: Speech 233. (4 hours.) Winter quarter.

235. Choric Speech.

A study of the technique employed in choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required. (4 hours.) Spring quarter.

331 (31). Discussion and Debate.

Principles and participation in class discussions and debates on subjects of current interest.

Required. (4 hours.) Winter quarter.

345. Public Speaking.

Through prepared talks and discussions this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed.

Required or alternative with English 344 in the junior year in all curricula. Prerequisite: Junior College required English. (4 hours.) Every quarter.

346 (45). Evolution of Oratory.

Present-day English and American public speaking are studied as an outgrowth of the past. Analyses are made of various types of model speeches at different periods, with emphasis on the present. Students are given practice in composing and delivering original orations.

Required. (4 hours.) Spring quarter.

435. Oral Reading.

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed. Most of the class time is devoted to student practice.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Speech.

(4 hours for each course.) Every quarter.

444. Play Production.

The student receives instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required. (4 hours.) Fall quarter.

445. Advanced Play Production.

Advanced technical studies and experience in stagecraft and directing.

Required. (4 hours.) Winter quarter.

PART III: LIST AND VIEWS SECTION

SUMMARY OF ATTENDANCE
COUNTIES REPRESENTED
OTHER STATES REPRESENTED
VIEWS SECTION
HONORARY FRATERNITIES
MEMBERSHIP
EPSILON PI TAU
KAPPA PI
KAPPA DELTA PI
KAPPA MU EPSILON
SIGMA TAU DELTA
THETA ALPHA PHI
PI KAPPA DELTA
PI OMEGA PI
GAMMA THETA UPSILON
GRADUATES—1941

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING MAY 29, 1942

	Men	Women	Total	Total
Eight Weeks Summer Term, 1941	188	502	690	690
Regular School Year—September 8, 1941 to May 29, 1942:				
Teachers College:				
Senior College:				
Post-Graduate	1	3	4	
Seniors	59	81	140	
Juniors	74	69	143	
Total in Senior College	134	153	287	
Junior College:				
Sophomores	133	195	328	
Freshmen	163	173	336	
Unclassified	2	2	4	
Total in Junior College	298	370	668	
Total in College	432	523	955	
Extension Students (exclusive of duplicates)	157	453	610	
High School:				
Post-Graduates	0	1	1	
Twelfth Year	30	26	56	
Eleventh Year	28	28	56	
Tenth Year	25	27	52	
Ninth Year	26	22	48	
Total in High School	109	104	213	
Total above the Eighth Grade	698	1,080	1,778	
Elementary Training School	125	135	260	
Total for the Regular Year	823	1,215	2,038	2,038
Total for the twelve months ending May 29, 1942				2,728
Counted twice (College only)	54	87	......	141
Grand Total of Students and Pupils				2,587

COUNTIES REPRESENTED—YEAR 1941-42

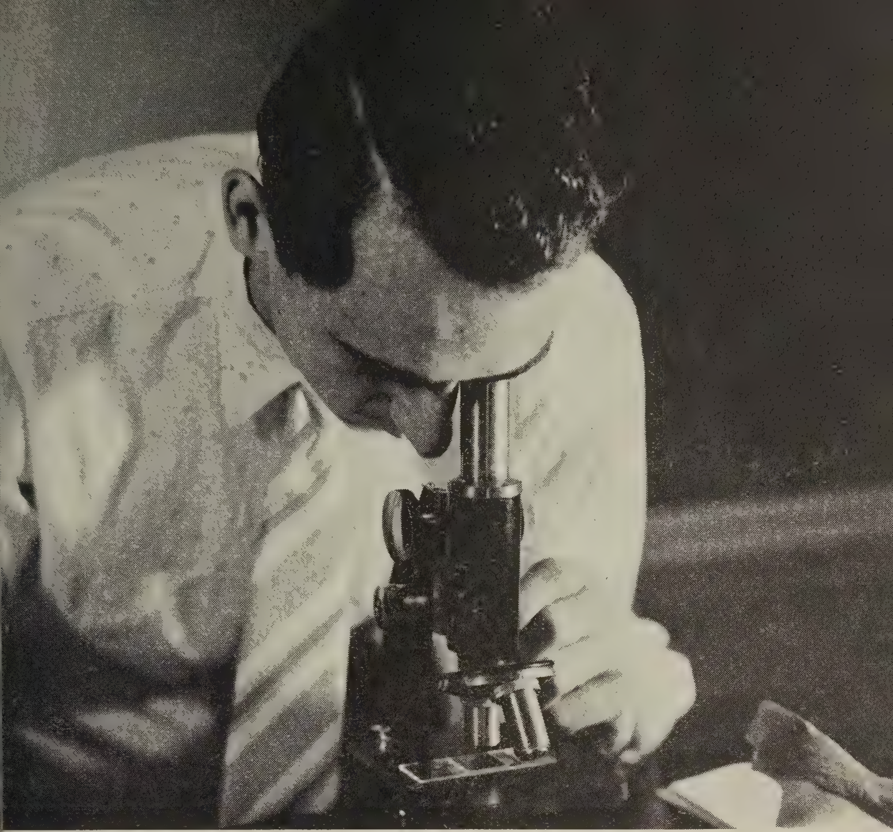
Bond
Boone
Champaign
Christian
Clark
Clay
Clinton
Coles
Cook
Crawford
Cumberland
Douglas
DuPage
Edgar
Edwards
Effingham
Fayette
Franklin
Fulton
Greene
Henry
Iroquois
Jasper
Jefferson
Jersey
Kane
Kankakee
Lake
Lawrence
Logan
Macon
Macoupin
Madison
Marion
McLean
McHenry
Menard
Monroe
Montgomery
Morgan
Moultrie
Piatt
Randolph
Richland
St. Clair
Sangamon
Shelby
Tazewell
Vermilion
Wabash
Wayne
White
Whiteside
Williamson

OTHER STATES REPRESENTED

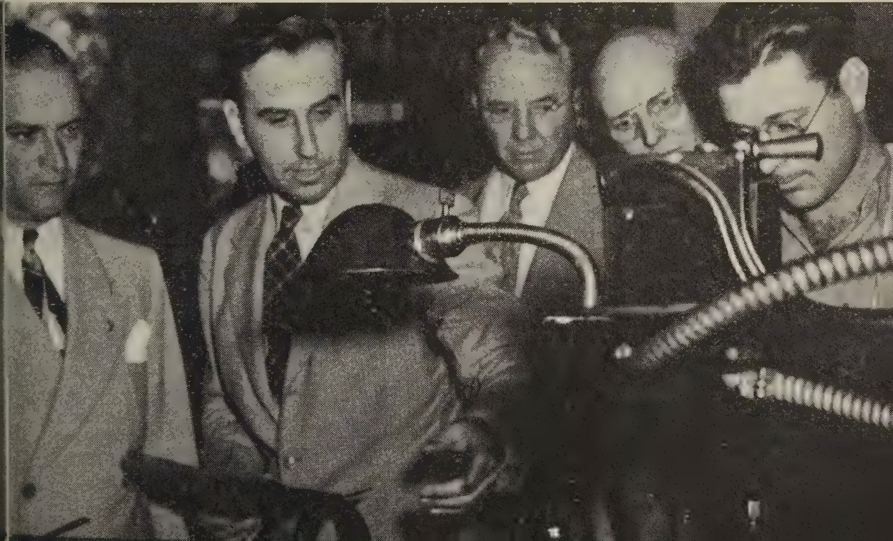
Alabama
Arkansas
Idaho
Indiana
Iowa
Minnesota
Missouri
Ohio
Oklahoma
Pennsylvania
West Virginia

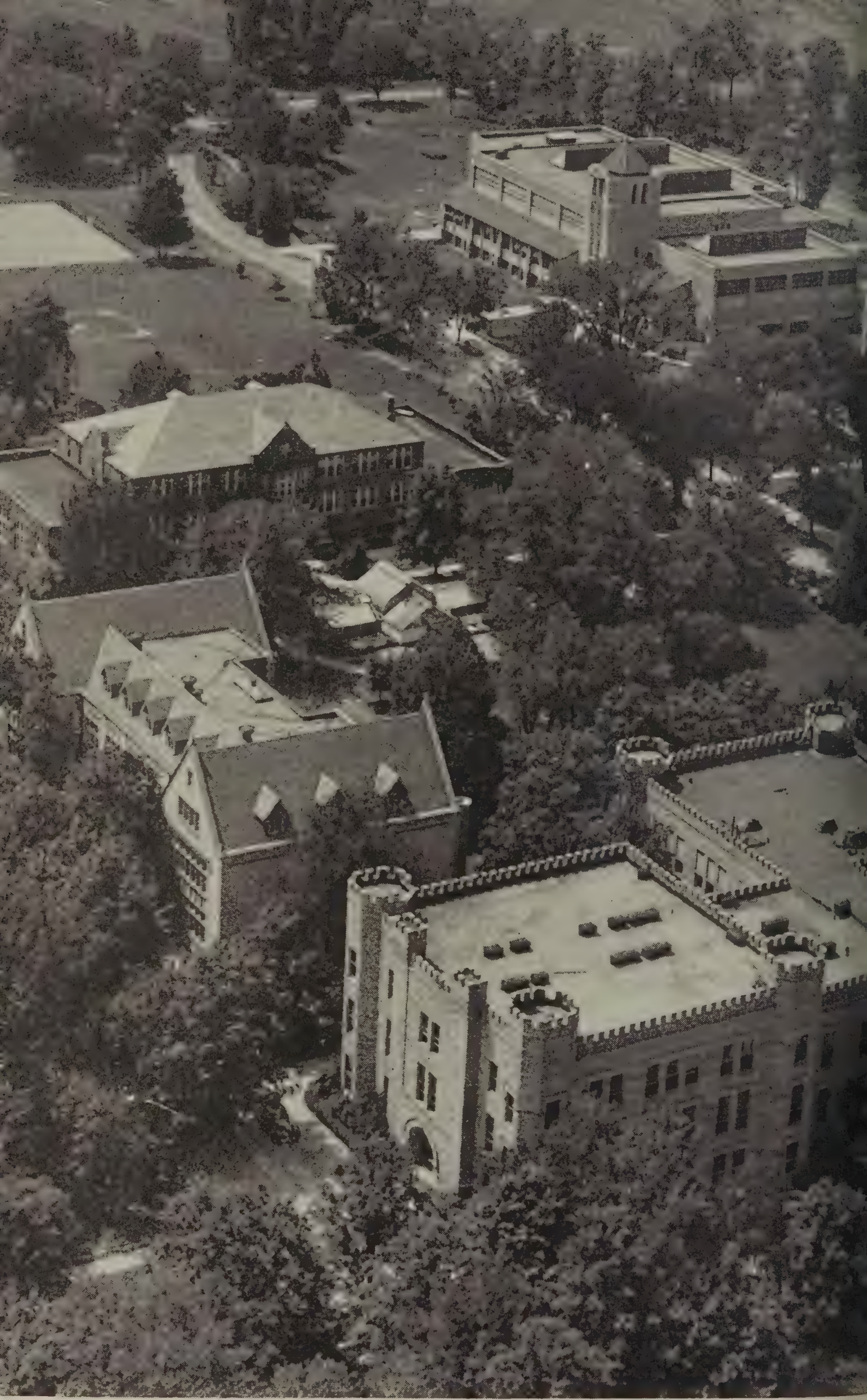
In the Main Building, dedicated in 1899, are the Library, Auditorium, Administrative offices and classrooms.

In the Science Building, dedicated in 1940, are classrooms and laboratories fo
Botany, Chemistry, Geography, Hygiene, Mathematics, Physics and Zoolog

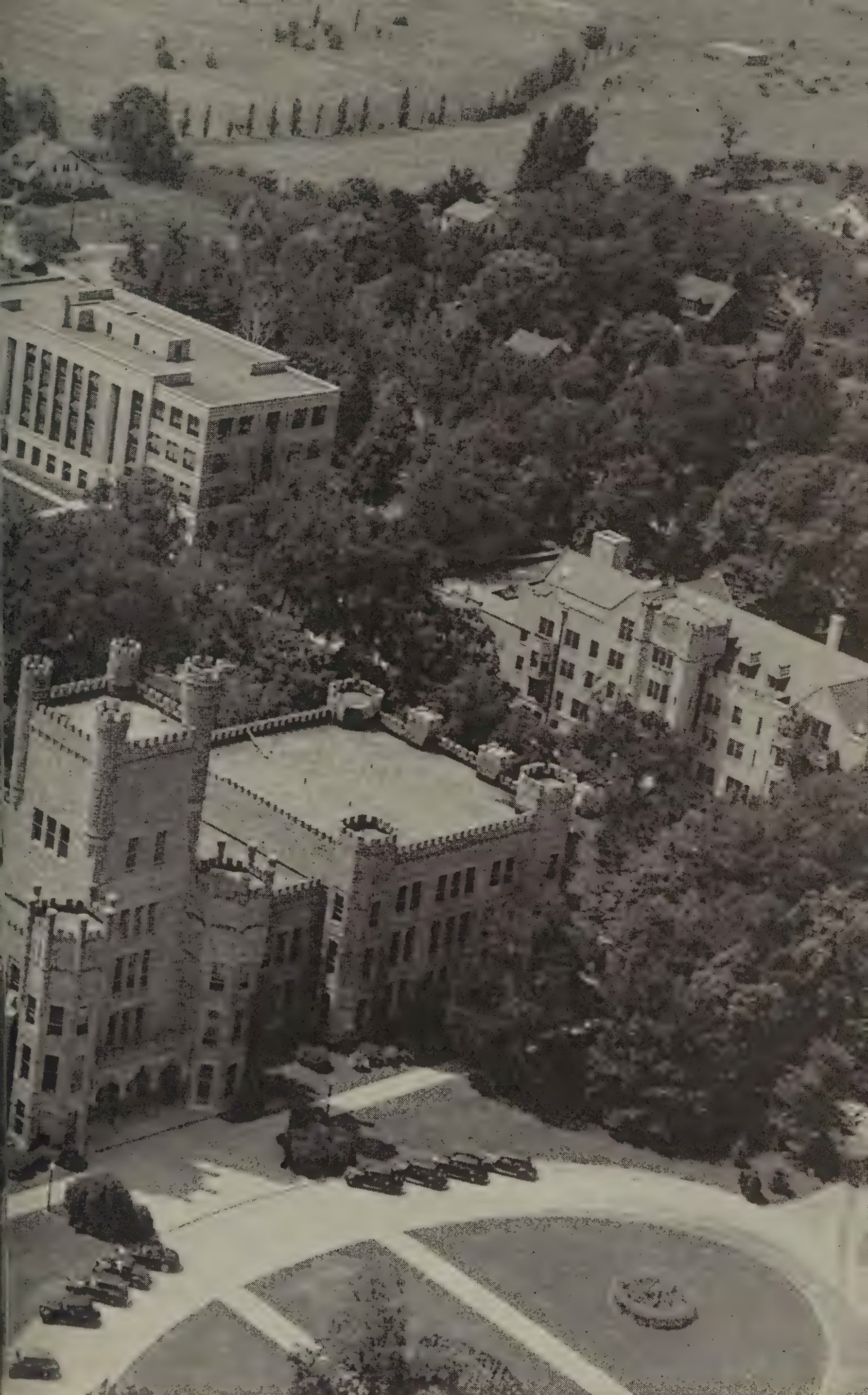


Above: At work in one of the Science laboratories. Below: Governor Green visits the shops where Eastern prepares adults for war industries.





Six of the seven buildings on Eastern's campus are shown in this aerial view. The nine-hole golf course and athletic fields are located on the 72-acre addition to the campus in the background at right.



Reading counter-clockwise from the Main Building, shown in front, are: Pemberton Hall, the Women's Dormitory; Science Building; Health Education Building; Practical Arts Building; Training School.

In the Health Education Building, dedicated in 1938, are the Men's Gymnasium, Women's Gymnasium, Health Service and classrooms.

War changes the vocational outlook for youth. Here are five of the 1300 high school seniors who came to seek counsel at the Guidance Conference on the Eastern campus in the Spring of 1942.

Commencement brings recognition for four
years of work and achievement in college.

HONORARY FRATERNITIES—MEMBERSHIP

EPSILON PI TAU

Robert William Bokenkamp	Junior	Clay City
Darrel Dean Clark	Junior	Jewett
Herschel LeRoy Collins	Junior	Casey
Edward Taylor Day	Junior	Charleston
Richard Pierce Frommel	Senior	Charleston
Gerald Langford	Senior	Hillsboro
Alfred Adelbert Redding	Senior	Springfield
Robert Evan Shawver	Junior	Westfield
James Watson Smith	Junior	Brazil, Indiana

GAMMA THETA UPSILON

Emily Ruth Bainbridge	Senior	Charleston
Mary Catherine Buck	Senior	Champaign
Margaret Louise Chamberlin	Senior	Charleston
Gerald Monroe Chestnut	Junior	Taylorville
Eleanor Enid Erickson	Senior	Kankakee
Donald Victor Grote	Senior	Oconee
Dale Warren Johnson	Junior	Charleston
William Austin Reat	Sophomore	Charleston
Lee Horsley Taylor	Junior	Garrett
Kathryn Agnes Trefz	Senior	Paris
Catherine Belle Winkler	Senior	Charleston

KAPPA DELTA PI

Jane Lee Abbott	Senior	Charleston
Agnes Irene Allison	Senior	Danville
Wendell Austin Blair	Senior	Paris
Alice Mildred Cooper	Junior	Potomac
Dario Alesandro Covi	Junior	Livingston
Ada Caroline Crane	Junior	Sullivan
Ruth Gruber Donnelly	Senior	Olney
Carroll Lavern Endsley	Senior	Charleston
Russell Eugene Euell	Junior	Charleston
Maxine Rennels Frame	Senior	Charleston
Betty Jean Gerard	Senior	Charleston
Ellen Lee Henkle	Senior	Charleston
Catherine Hughes	Senior	Maywood
Dorothy Marie Jensen	Senior	Neoga
Marguerite Little	Junior	Paris
Madge Eleanor Moore	Junior	Humboldt
Geneva June Murphy	Senior	Marshall
Earl Lester Oliver	Senior	Charleston
Mary Inez Pinkstaff	Senior	Birds
Elizabeth Louise Podesta	Junior	Mattoon
Margaret Louise Rademaker	Junior	Marshall
Naomi Ruth Ramsey	Junior	Windsor
Orville Millard Rice	Senior	Toledo
Virginia Lois Schwartz	Senior	Marshall
Bessie Mae Townsend	Junior	Charleston
Harold Cecil Werner	Junior	Pana
Joseph Stephen Zupsich	Senior	Mt. Olive

KAPPA MU EPSILON

Agnes Irene Allison	Senior	Danville
Sylvia Lucille Diel	Senior	Noble
Carroll Lavern Endsley	Senior	Charleston
Russell Eugene Euell	Junior	Charleston
David Fisher	Junior	Charleston
Maxine Rennels Frame	Senior	Charleston
Martha Frances Husted	Junior	Gary, Indiana
Orville Millard Rice	Senior	Toledo
Harold Cecil Werner	Junior	Pana
Edward Dean Wilson	Junior	Mattoon

PI KAPPA DELTA

Jane Lee Abbott	Senior	Charleston
Emmett Earl Baughman	Sophomore	Edwardsville
Elbert Abel Fairchild	Senior	Charleston
Claude Stanley Hayes	Sophomore	Paris
Elizabeth Louise Podesta	Junior	Mattoon
Clarissa Joan Sheeks	Junior	Mattoon
John Claire Shumaker	Sophomore	Oblong
Martha June Stanberry	Sophomore	Charleston
Jack Willard Walters	Sophomore	Robinson

SIGMA TAU DELTA

Nona Belle Cruise	Junior	Beecher City
Catherine Hughes	Senior	Maywood
Marguerite Little	Junior	Paris
Elizabeth Nelle Markel	Senior	Hillsboro
Betty Catherine Nash	Senior	Mattoon
Earl Lester Oliver	Senior	Charleston
Edward Maurice Resch	Senior	Newton
Edna Eileen Williams	Senior	Attica, Ind.

KAPPA PI

Emily Ruth Bainbridge	Senior	Charleston
Lottie Lucille Buss	Senior	Dundas
Dario Alesandro Covi	Junior	Livingston
Wana Lavina Creamer	Junior	Louisville
Ruth Gruber Donnelly	Senior	Olney
Mary Howell Elliott	Senior	Oblong
Mildred Louise Fulton	Senior	Charleston
Ellen Lee Henkle	Senior	Charleston
Wilma Jean McManigell	Junior	Charleston
Anna May Marble	Senior	Sullivan
Delmar Leroy Nordquist	Senior	Mattoon
John Wilbur Voigt	Senior	Mattoon
Ruth Lucretia Weakley	Senior	Gays

THETA ALPHA PHI

Marjorie Elizabeth Blackburn	Senior	Blue Mound
Ruby Aileen Carter	Sophomore	Charleston
Eugene George Dolan	Sophomore	Pana
Ruth Gruber Donnelly	Senior	Olney
Mary Frances Gaumer	Senior	Danville
Emily Lucile Greer	Sophomore	Harristown
James Leroy Hanks	Sophomore	Crossville
Claude Stanley Hayes	Sophomore	Paris
Marjorie Ingram	Junior	Charleston
Lois Irene Nuttall	Senior	Lawrenceville
Gretchen Amy Patchell	Sophomore	Robinson
Elizabeth Louise Podesta	Junior	Mattoon
Eugene Leon Price	Sophomore	Mattoon
Betty Fae Reeder	Sophomore	Atwood
Bertha Elizabeth Ridgely	Junior	Parkersburg
Leslie Caroll Robertson	Sophomore	Cowden
Harold Merle Seip	Senior	Tuscola
Bessie Mae Townsend	Junior	Charleston
Marian Eileen Wagner	Sophomore	Sumner

PI OMEGA PI

Wendell Austin Blair	Senior	Paris
Ruth Aileen Brookhart	Senior	Casey
Beulah Louise Collins	Senior	Greenup
Alice Mildred Cooper	Junior	Potomac
Eleanor Jeanne Cress	Junior	Hillsboro
Frances Elizabeth Decker	Senior	Charleston
John Woodrow Eaton	Senior	Charleston
Grace Guthrie	Junior	Sidell
Ruth Inez Hathaway	Junior	Hutsonville
Don Eugene Herron	Sophomore	Findlay
Kathryn Mary Hoehn	Senior	Witt
Dorothy Marie Jensen	Senior	Neoga
Madge Ellen Kirkham	Senior	Kansas
Lillian Cora Michael	Senior	Highland
Geneva June Murphy	Senior	Marshall
Wanda Eileen Nicoson	Sophomore	Redmon
Mary Beth Piersol	Sophomore	Kankakee
Julia Adeline Powell	Sophomore	Flora
Donald LeRoy Shawver	Sophomore	Charleson
Robert Newlin Robinson	Senior	Willow Hill
Margaret Jean Weingand	Senior	Hillsboro

GRADUATES

1941

SENIOR COLLEGE

Name	Post Office
Anderson, Katherine	Flora
Baker, Margaret Ruth	Charleston
Barden, Russell Snowden	Goldsboro, North Carolina
Beal, Anna Rae	Lancaster
Behrend, Alyce Marie	Mattoon
Bixler, Florence Louise	Sidell
Boley, Robert Eldon	Charleston
Bolin, Mary Ellen	Centralia
Bowen, Riley LaFrone	Charleston
Bressler, Joe Max	Potomac
Brown, Oliver Wendell	Highland
Bubeck, Inez Virginia	West Union
Bullerman, Evelyn Margaret	Shumway
Burgener, Frances Louise	Assumption
Burton, Alice Maxine	Muncie
Cain, Doris Wyota Brown	Charleston
Challacombe, Wayne Birkenmayer	Medora
Closson, Rex DeWayne	Charleston
Crites, Charles Franklin	Charleston
Currey, Charles	Brocton
Cutler, Margaret Ruth	Pana
Dappert, Dwight Max	Effingham
Davis, Dean Bull	Charleston
Davis, Margaret E.	Lawrenceville
Donahue, Rosemary Ann	Charleston
Dowler, Anita Louise	Charleston
Drummond, Newton Kenneth	Metcalf
Duffy, Harry Dean	Monticello
Ellis, Emily Marie	Neoga
Finley, Martha Margaret	Bridgeport
Fisher, Elma Elizabeth Askins	Lakewood
Fleming, Mary Louella	Sullivan
Fogleman, Edna Lucille	Toledo
Galbreath, Edwin Carter	Ashmore
Garner, Jennie Eleanor	Charleston
Gibson, Stanley White	Charleston
Goble, Eleanor May	Westfield
Greer, Martha Lucille	Bourbonnais
Grismer, Mona Rose	Dudley
Harlan, John Owen	Charleston
Hart, Loris David	St. Francisville
Hendricks, Virginia Jane	Shelbyville
Heim, Lena I.	Casey
Hill, Cyrus Porter	Newman
Hollman, Norma Janet	Charleston
Hopper, Estel Amelia	Park Ridge
Hubbard, Donna Frances	Pana
Huckleberry, Ellen Rose	Charleston
Hudson, Armilda May	Charleston
Hutton, James Bernice	Charleston
Hyman, Rosetta Mae	Decatur
Jenkins, Charles Kenneth	Charleston
Kennard, Ephraim Hayes	Keensburg
Kilgore, Carolyn Love	Danville
King, Elizabeth Louise	Charleston
Kirchhofer, Ervin George	Shumway
Kirk, Ada Elaine	Windsor
Leist, Margery Jane	Charleston
Levitt, James Dean	Charleston
McConnell, Russell Ellsworth	Ambia, Indiana
McElroy, Wilbur Pershing	Homer
McKelfresh, Emmet Harold	St. Francisville
McKinney, Carolyn Veree	Albion
McNutt, Ida Margaret	Charleston
McWilliams, Irene	Virden
Maas, Paul Albert C.	Olney
Major, Jennie Elizabeth	Mattoon
Markwell, Bertha Grace	Chicago
Matheny, Clarence LaVern	Mattoon
Meyer, Frances Virginia	Charleston
Miller, Lester Harold	Tower Hill
Miller, Lloyd Francis	Brownstown
Mirus, Robert Lee	Charleston
Mitchell, Mabel Evelyn	Oblong
Monts, Jack Anthony	Charleston
Moore, Mildred Anne	Charleston
Myers, Russell Albert	Charleston
Nantkes, Elaine Vivian	Witt
Newgent, Jack Redman	Mattoon
Pankey, Burl Wood	Lovington
Pearson, Paul Edmund	Mattoon
Potts, Raymond William	Villa Grove
Rains, Ruth Deloris	Charleston
Ray, Leovotto Delphine	Lovington
Reed, Tony Anderson	Newton
Reincke, Marie Elizabeth	Nokomis
Rennels, Cynthia Jane	Charleston
Rhodes, Betty Lucille	Medora
Rhodes, Kathryne Eloise	Charleston
Richardson, Ben Harrison	Keensburg
Robinson, Francis Willard	Flora
Romack, Billie Frances	Rose Hill
Schuch, Marjorie	Newton
Schwartz, Edward, Jr.	Ashmore
Shields, Don	Casey
Shubert, Lois Elizabeth	Charleston
Sims, Edward Kyle	Indianapolis, Indiana
Sisson, R. Doyle	Ridgefarm
Smith, Donald G.	Charleston
Smith, Helen Elizabeth	Charleston
Smith, John Martin	Sumner
Spezia, Emil	Westville
Spurlin, Orval	Vandalia
Squires, Bradley Edgar, Jr.	Bellevue, Pennsylvania
Stewart, Leon Thomas	Casey
Stovall, Vernon Leslie	Atwood
Suddarth, Raymond William	Fairfield
Sullivan, Kathleen Mary	Brocton
Tate, Frank William	Tuscola
Taylor, Edna Irene	Charleston
Taylor, Maurice Rex	Greenup
Thomas, Helen Jean	Charleston
Thomas, William Wilson	Charleston
Thompson, Lucille	Marshall
Tripp, Robert Edward	Charleston

Name	Post Office
Veeck, Blanche Alma	Charleston
Viseur, Woodrow	Pana
Walton, Eldred Lothaire	Kansas
Waltrip, David Michael	Charleston
Warber, Naomi Wilhoit	Arthur
Ward, Joe Dee	Charleston
Weidner, Ruth Frances	Edwardsville
Williams, Ruth Moreen	Casey
Wilson, Frances Marie	Danville
Wilson, Llewellyn McCollister	Shipman
Witt, Emily Marie	Mattoon
Wood, Cleo Esther	Decatur
Worland, John David	Neoga
Wright, Paul Edward	Casey
Wyeth, James Harry	Hindsboro

Men	65
Women	65
Total	130

JUNIOR COLLEGE

1941

Name	Post Office
Appel, Edith Ann	Trenton
Baker, Martha Jean	Mattoon
Barker, Eula Ellen	Cisne
Beard, Jess Robert	Taylorville
Boggess, Irene	Ridgefarm
Burkybile, Martha Jane	Marshall
Cox, Mary Lee	Charleston
Dole, Isabel	Mattoon
Hilligoss, Dorothy Marie	Windsor
Hitchens, Emma Jane	Danville
Hoppe, Virginia Ann	Carlyle
Hunsaker, Gertrude Elma	Danville
Johnson, Katherine Jean	Clinton
Kraner, Mildred Kathryn	Worden
Liggett, Leone Ruth	Muncie
McKinney, Lillian Nadean	Bogota
Moran, Dorothy Isabell	Mattoon
Myers, Helen Louise	Indianola
Nicoson, Jeanette Elaine	Danville
Olson, Audrey Marilyn	St. Elmo
Onken, Ira Edward	Buckley
Perkins, Gwendolyn Ella	Grand Chain
Phillips, Doris Maurine	Pesotum
Quick, Audrey Irene	Robinson
Raper, Ruby Ione	Montrose
Rathe, Ellyn	Mattoon
Shaw, Leola May	Sumner
Siverly, Venisa Lorene	West Union
Streiff, Norma Maurine	Greenville
Stuebe, Phyllis Ann	Longview
Varda, Madeline	Charleston
Vernon, Lillian Drury	East St. Louis
Wade, Eleanor Maudeline	Greenup
West, Marjorie Mae	Tuscola
Woerner, Irma Jean	Farina
Wright, Sophia Faye	Casey

Men	2
Women	34
Total	36

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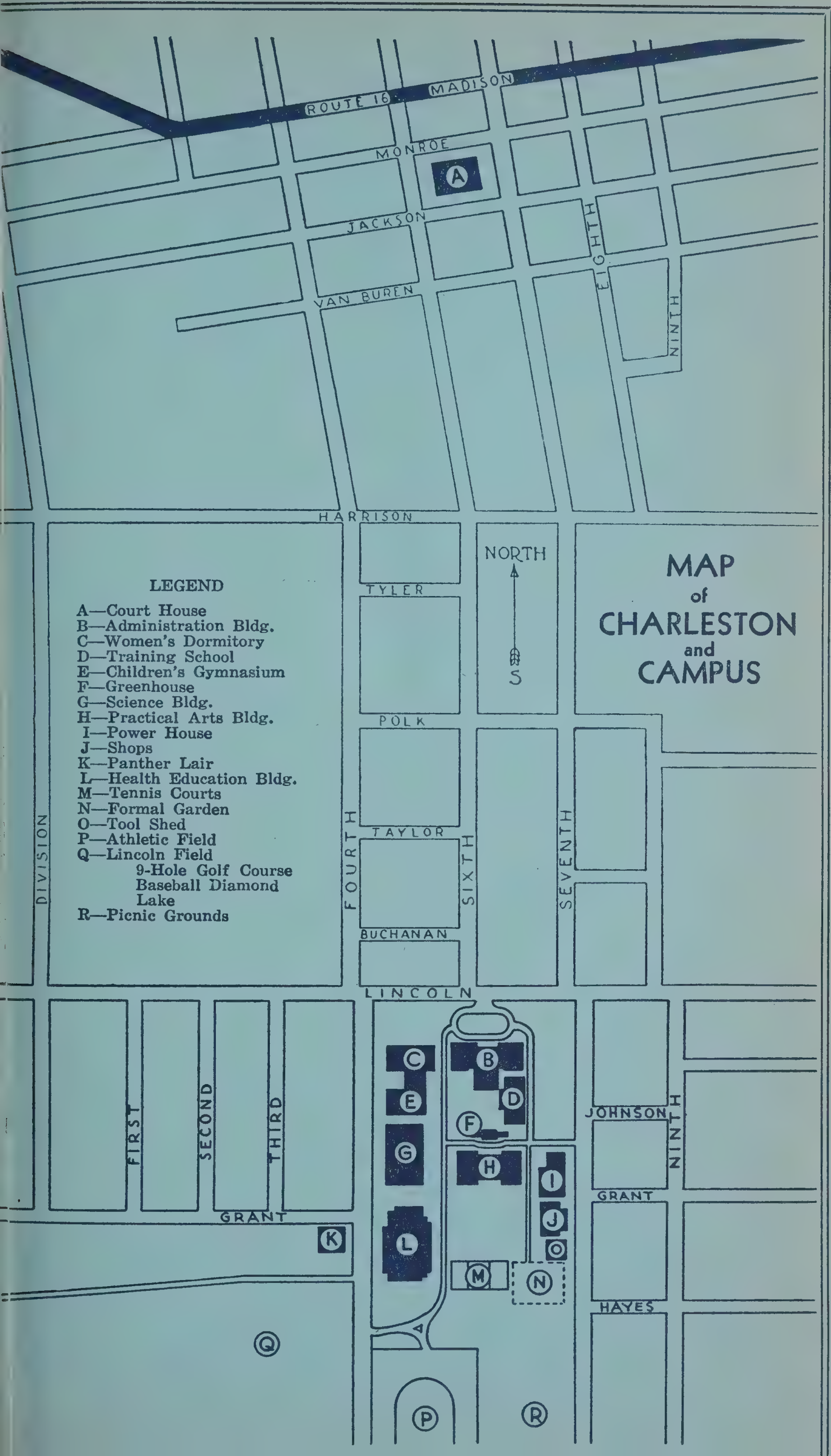

MAP of CHARLESTON and CAMPUS

LEGEND

A—Court House
B—Administration Bldg.
C—Women's Dormitory
D—Training School
E—Children's Gymnasium
F—Greenhouse
G—Science Bldg.
H—Practical Arts Bldg.
I—Power House
J—Shops
K—Panther Lair
L—Health Education Bldg.
M—Tennis Courts
N—Formal Garden
O—Tool Shed
P—Athletic Field
Q—Lincoln Field
9-Hole Golf Course
Baseball Diamond
Lake
R—Picnic Grounds

ROUTE 16
MADISON
MONROE
JACKSON
VAN BUREN
EIGHTH
NINTH
HARRISON
TYLER
POLK
TAYLOR
BUCHANAN
LINCOLN
NORTH
S
DIVISION
FOURTH
SIXTH
SEVENTH
FIRST
SECOND
THIRD
JOHNSON
NINTH
GRANT
GRANT
HAYES
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42/43

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

ANNOUNCEMENTS FOR 1943-44 SESSIONS

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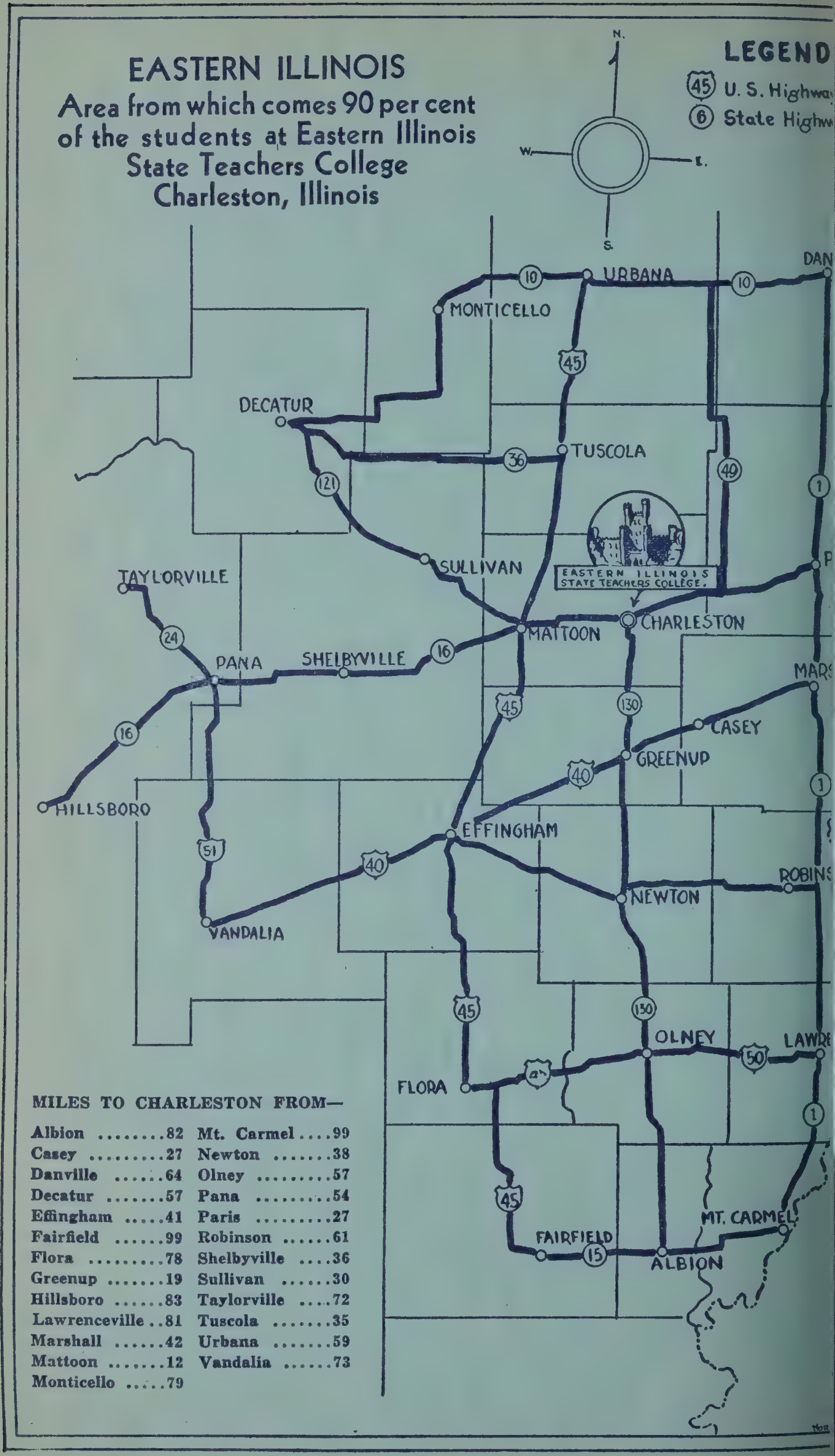
CHARLESTON, ILLINOIS

EASTERN ILLINOIS

Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois


LEGEND
45 U. S. Highwa
6 State Highw
N.
W.
E.
S.
URBANA
DAN
MONTICELLO
DECATUR
TUSCOLA
SULLIVAN
EASTERN ILLINOIS STATE TEACHERS COLLEGE
CHARLESTON
MATTOON
TAYLORVILLE
PANA
SHELBYVILLE
P
MARS
CASEY
GREENUP
HILLSBORO
EFFINGHAM
VANDALIA
NEWTON
ROBINS
OLNEY
LAWRE
FLORA
MT. CARMEL
FAIRFIELD
ALBION
10
45
36
121
49
1
24
16
130
40
51
50
15

MILES TO CHARLESTON FROM—

Albion	82	Mt. Carmel	99
Casey	27	Newton	38
Danville	64	Olney	57
Decatur	57	Pana	54
Effingham	41	Paris	27
Fairfield	99	Robinson	61
Flora	78	Shelbyville	36
Greenup	19	Sullivan	30
Hillsboro	83	Taylorville	72
Lawrenceville	81	Tuscola	35
Marshall	42	Urbana	59
Mattoon	12	Vandalia	73
Monticello	79		

Supplement to Eastern Illinois State Teachers College Bulletin No. 162,
April 1, 1943

A TWO-YEAR GENERAL COLLEGE CURRICULUM

Beginning in September 1943, Eastern offers a new two-year General College Curriculum, which by proper choice of electives may serve as either (1) the first two years of a four-year curriculum for the preparation of teachers of Botany, Chemistry, English, Foreign Languages, Geography, Mathematics, Physics, Social Science, Speech or Zoology, or (2) the first two years of college preliminary to continued study or professional work. Upon the successful completion of this curriculum students who do not wish to continue with the third and fourth years of teacher preparation courses may be awarded the junior college diploma.

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science[1]
Elective[2]
Elective[2]
Physical Education
Library 120

SOPHOMORE YEAR

Social Science 233, 234, 235
Foreign Language[3]
Elective[4]
Elective[5]
Physical Education

---

[1] May be one year of Botany, General Biology, Physics, Chemistry, Zoology, or General Physical Science.

[2] Must be selected so that the four subjects are in four different fields. Courses in Education may not be counted as electives.

[3] If the student has had two years of foreign language in high school he may substitute an elective.

[4] Must be the second year in some subject studied during the first year.

[5] *May* be the second year in some subject studied during the first year. No more than two years of work may be done in any vocational field.

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ATE OF ILLINOIS — DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE
EACHERS COLLEGE BULLETIN

No. 162 April 1, 1943

44th YEAR
ACADEMIC RECORD 1942-43
ANNOUNCEMENTS FOR 1943-44

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(44368)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing belo the names of the administrative officers, together with the division o the college work which comes under their supervision.

General Policy of the College
Robert Guy Buzzard, President

Admission of Students, Transcripts, and Requests for Catalogues
Blanche C. Thomas, Registrar

Academic Work of Students and Advanced Standing
Hobart F. Heller, Acting Dean of the College

Housing, N. Y. A., Student Employment, and Personal Problems
Harold M. Cavins, Acting Dean of Men
Elizabeth K. Lawson, Dean of Women

Pemberton Hall
Mrs. Alice N. Cotter, Director

Payment of Fees
Raymond R. Gregg, Business Manager

Teacher Placement
Harry L. Metter, Director of Teacher-Training and Placement

Student Health
Mary E. Thompson, College Nurse

Textbook Library
Henry J. Arnold, Manager

Extension Courses
Bryan L. Heise, Director of Extension

Public Relations and Alumni Affairs
William H. Zeigel, Acting Director of Public Relations an Alumni Secretary

Information Regarding Summer Session
Blanche C. Thomas, Registrar, or
Hobart F. Heller, Acting Dean

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Social Fraternities and Sororities
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Chicago Alumni Club
The Alumni Association
Associated Eastern State Clubs
The Bureau of Teacher Placement
The Certificating Law

PART II. INSTRUCTION
Organization
Division of the Year
Registration
Admission Requirements
Graduation
Scholarship
Extension Service
Curricula
Credit
Numbering of Courses
Major and Minor Subjects
Electives
Description of Curricula
- 1. For Preparation of Teachers for Grades and Rural Schools
- 2. For Preparation of High School and Special Teachers of
  - A. Art
  - B. Commerce
  - C. English
  - D. Foreign Language
  - E. Geography
  - F. Home Economics (Vocational)
  - G. Industrial Arts
  - H. Mathematics
  - I. Music
  - J. Physical Education
  - K. Science (Biological)
  - L. Science (Physical)
  - M. Social Science
  - N. Speech

Training Schools
- Campus Training Schools
- Affiliated Training Schools
- Observation, Participation, and Supervised Student Teaching

Description of Courses
- Art
- Commerce
- Education and Teaching
- English
- Foreign Language
  - Latin
  - French
  - German
  - Spanish
- Geography
- Home Economics
- Industrial Arts
- Library, Use of the
- Mathematics
- Music
  - Applied Music
  - Class Methods of Instruction

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TO THE UNKNOWN TEACHER

I sing the praise of the Unknown Teacher. Great generals win campaigns, but it is the Unknown Soldier who wins the war. Famous educators plan new systems of pedagogy, but it is the Unknown Teacher who delivers and guides the young. He lives in obscurity and contends with hardship. For him no trumpets blare, no chariots wait, no golden decorations are decreed. He keeps the watch along the borders of darkness, and makes the attack on the trenches of ignorance and folly. Patient in his duty, he strives to conquer the evil powers which are enemies of youth. He awakens sleeping spirits. He quickens the indolent, encourages the eager, and steadies the unstable. He communicates his own joy in learning, and shares with boys and girls the best treasures of his mind. He lights many candles, which, in later years, will shine back to cheer him. This is his reward.

Knowledge may be gained from books; but the love of knowledge is transmitted only by personal contact. No one has deserved better of the Republic than the Unknown Teacher. No one is more worthy to be enrolled in a democratic Aristocracy, "King of himself and servant of mankind."

HENRY VAN DYKE.

THE PLEDGE TO TEACH

Eastern Illinois State Teachers College is maintained by the State of Illinois as an institution for the training of teachers for the public schools of the State. There is no tuition charge for persons expecting to teach. Each student is obligated by the statements of the annual catalogue and by signature to a "Pledge to Teach," which is a part of the student's record on file with the College Registrar. This pledge is considered fully as binding as the signing of a promissory note. Annual report on teaching by the student and cancellation of obligation by the college are provided for on the permanent record card. This pledge reads:

"In consideration of free tuition in the Eastern Illinois State Teachers College, I pledge to teach in the public schools of Illinois for a period equal to that covered by my attendance at the Eastern Illinois State Teachers College; and I agree to report annually to the president of the college the number of months taught in Illinois until this pledge is fulfilled. If I do not teach the required time in the public schools of Illinois within five years after leaving college, I promise to pay to the Eastern Illinois State Teachers College at the end of that period tuition at the rate of $15.00 for each quarter (twelve weeks) of attendance for which I have not taught an equal time."

(Signature of Student)

1943

JULY

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OCTOBER

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NOVEMBER

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COLLEGE CALENDAR, 1943-1944

Fall Quarter, 1943 (Twelve Weeks)

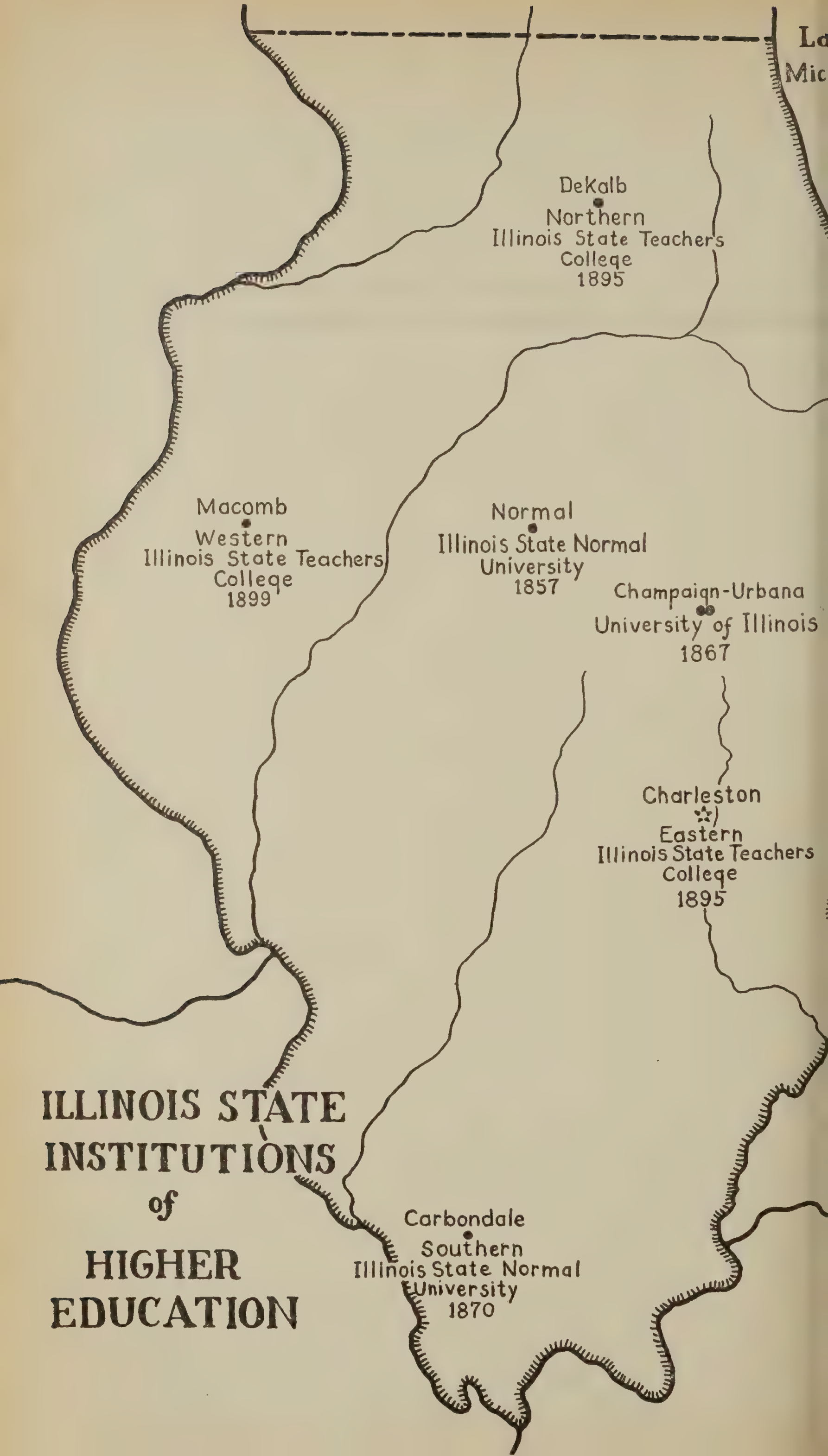
Monday, September 6	Registration of all students, 8 a. m.
Tuesday, September 7	College classes begin, 8 a. m.
Friday, October 15 Saturday, October 16	Twenty-ninth Annual Homecoming
Thursday, November 25	Thanksgiving Day
Friday, November 26	Fall Quarter closes

Winter Quarter, 1943-44 (Twelve Weeks)

Monday, November 29	Registration, 8 a. m.
Wednesday, December 22	Christmas recess begins close of school day
Tuesday, January 4	Classes resume, 8 a. m.
Wednesday, March 1	Winter Quarter closes

Spring Quarter, 1944 (Twelve Weeks)

Monday, March 6	Registration, 8 a. m.
Thursday, April 6	Easter recess begins close of school day
Monday, April 10	Classes resume, 8 a. m.
Sunday, May 21	Baccalaureate, 3 p. m.
Friday, May 26	Commencement, 10 a. m.
Friday, May 26	Spring Quarter closes



ILLINOIS STATE INSTITUTIONS of HIGHER EDUCATION

La
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DeKalb
Northern
Illinois State Teachers
College
1895
Macomb
Western
Illinois State Teachers
College
1899
Normal
Illinois State Normal
University
1857
Champaign-Urbana
University of Illinois
1867
Charleston
Eastern
Illinois State Teachers
College
1895
Carbondale
Southern
Illinois State Normal
University
1870

State of Illinois — Dwight H. Green, *Governor*

DEPARTMENT OF REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

★ ★

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

VERNON L. NICKELL
Superintendent of Public Instruction (Springfield)
Secretary

★ ★

APPOINTED MEMBERS

Miss Harriett A. McIntire, Mendota	1937-1943
John D. Dill, Carbondale	1937-1943
Otto G. Beich, Bloomington	1937-1943
Jacob E. Alschuler, Aurora	1939-1945
Charles E. McMorris, Marshall	1939-1945
Mrs. Helen R. Pegelow, Mattoon	1939-1945
Dr. Preston Bradley, Chicago	1941-1947
Lindell W. Sturgis, Metropolis	1941-1947
Russell L. Guin, Danville	1941-1947

★ ★

Elmer P. Hitter	Co-ordinator

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, namely:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above aims into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

RATING

Eastern Illinois State Teachers College is FULLY accredited

(1) as a Teachers College in the American Association of Teachers Colleges,

(2) as a College in the North Central Association of Colleges and Secondary Schools.

ADMINISTRATION

1942-43

Office of the President

Robert Guy Buzzard, Ph.D.....................................President
Roy Kenneth Wilson, B.Ed....................................
......Secretary to President and Director of Public Relations
(On leave. Entered U. S. Naval Reserve, October 15, 1942)
William H. Zeigel, Ph.D.......................................
........Acting Director of Public Relations and Alumni Secretary
Florence Leone Fair, A.B...............................Stenographer

Office of the Dean and Registrar

Hobart F. Heller, Ph.D...................................Acting Dean
Blanche Claire Thomas.......................................Registrar
Helen J. Whalen...Secretary

Office of Dean of Women

Elizabeth K. Lawson, Ph.D..........................Dean of Women

Office of Dean of Men

Harold M. Cavins, Ed.D........................Acting Dean of Men

Office of the Director of Training Schools

Harry Louis Metter, Ph.D...Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D..............Principal of High School
Arthur U. Edwards, Ph.D............Principal of Elementary School
Hans Christian Olsen, Ph.D...Director of Off-Campus Student Teaching
Madge Eleanor Moore.........Secretary (On leave, Sept.-March, 1943)
John Woodrow Eaton, B.Ed.....................Substitute Secretary

Office of Extension Director

Bryan Heise, Ph.D..............................Director of Extension

Office of Health Service

Ethel E. Little, M.D..College
Physician and Director of Health Service (Resigned March 1, 1943)
Mary Ellen Thompson, R.N..........................College Nurse

Business Office

Raymond Rosco Gregg, A.M.......................Business Manager
Violet Bird Taylor, B.A...Secretary
Dorothy Virginia Davis................................Stenographer

Office of Textbook Library

Henry J. Arnold, A.M...................Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B.................Director of Pemberton Hall

Buildings and Grounds

Camille F. Monier.......................Superintendent of Grounds
Granvil Shafer...........................Superintendent of Buildings
Edson B. Clodfelter......................Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1942-43

Asterisk (*) indicates Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D............................*President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

FRANK ANDREW BEU, Ph.D..................................*Dean*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (Resigned August 1, 1942.) (1927)

HOBART FRANKLIN HELLER, Ph.D.....................*Acting Dean*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

HAROLD MAXON CAVINS, Ed.D.................*Acting Dean of Men*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

ELIZABETH K. LAWSON, Ph.D.....................*Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS.......................*Registrar* (1922)

RAYMOND ROSCO GREGG, A.M....................*Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933, and 1934. (1934)

HARRY LOUIS METTER, Ph.D.................................*Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D.......................*Principal, Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

ARTHUR U. EDWARDS, Ph.D.............................*Principal, Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D............................*Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

BRYAN HEISE, Ph.D.........................*Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

ETHEL E. LITTLE, M.D....*Assistant Professor and College Physician*
A.B., 1917, B.S., University of Illinois, 1919; M.D., University of Illinois College of Medicine, 1921. (Resigned March 1, 1943.) (1941)

MARY ELLEN THOMPSON, R.N.......................*College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

ALICE NELLIE COTTER, A.B..............*Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

MILDRED RUTH WHITING, Ph.D.*...............*Associate Professor*
B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)

FRANCIS LOUIS HOOVER, Ed.D..................*Assistant Professor*
B.S., North Texas State Teachers College, Denton, 1933; A.M., Columbia University, 1935; Ed.D., New York University, 1942. (1941)

ALICE MCKINNEY, A.M..................................*Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; Chautauqua Summer School, 1928; Woodbury School of Art and Massachusetts Art School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (1928)

BIOLOGICAL SCIENCE

Botany

ERNEST LINCOLN STOVER, Ph.D.*........................*Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. Resident Doctor, University of Washington Biological Station, summer, 1926; University of Michigan Biological Station, summer, 1932; Cornell University, summer, 1936; University of Wyoming Science Camp, summer, 1940. (1923)

HIRAM FREDERICK THUT, Ph.D.................*Associate Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. Resident Doctor, Iowa State College, summer, 1939; Cornell University, summer, 1940. (1932)

Zoology

CHARLES STOCKMAN SPOONER, Ph.D.*....................*Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., University of Illinois, 1918; Graduate study, The University of Chicago, summer, 1918; Ph.D., University of Illinois, 1936. (1919)

WALTER MERRITT SCRUGGS, Ph.D................*Assistant Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (On leave. Entered military service February 15, 1943.) (1929)

WALTER H. SCHAEFER, Ph.D...................*Assistant Professor*
B.A., 1930, M.A., 1932, Ph.D., University of Wisconsin, 1934. (Substitute assistant professor. Resigned February 24, 1943.) (1943)

DONALD C. LOWRIE, Ph.D......................*Assistant Professor*
B.S., 1932, Ph.D., The University of Chicago, 1942. (Substitute assistant professor, spring quarter, 1943.) (1943)

Hygiene

HAROLD MAXON CAVINS, Ed.D..................*Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

ETHEL E. LITTLE, M.D....*Assistant Professor and College Physician*
A.B., 1917, B.S., University of Illinois, 1919; M.D., University of Illinois College of Medicine, 1921. (Resigned March 1, 1943.) (1941)

COMMERCE

JAMES MICHAEL THOMPSON, Ed.D.*,.....................*Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (On leave. Entered United States Naval Reserve November 15, 1942.) (1937)

EARL SAMUEL DICKERSON, Ed.D. (Acting Head).*Assistant Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

STANLEY CLAY ROBINSON, A.M.........................*Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave for service in U. S. Naval Reserve.) (1939)

JESSIE MARTHA HUNTER, A.M..........................*Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

ROBERT TWINING STICKLER, M.S......................*Instructor*
B.S., 1937, M.S., University of Illinois, 1941. (Substitute instructor.) (1942)

KATHERINE SWITZER HUMPHREY, M.A..................*Instructor*
B.S.C., 1932, M.A., University of Iowa, 1942. (Substitute instructor.) (1942)

EDUCATION

EMMA REINHARDT, Ph.D.* ....*Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

HARRY LOUIS METTER, Ph.D.............................*Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D..............*Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

BRYAN HEISE, Ph.D...........................*Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D......................*Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D....................*Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D.................*Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ELIZABETH K. LAWSON, Ph.D..................*Associate Professor*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

ENGLISH

ISABEL MCKINNEY, A.M.*.................................*Professor*
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (1904)

HOWARD DEFOREST WIDGER, Ph.D........................*Professor*
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

FRANKLYN LEHMAN ANDREWS, A.M............*Associate Professor*
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936, 1937 and 1941. (1929)

EUGENE M. WAFFLE, Ph.D.......................*Assistant Professor*
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (On leave. Entered military service September 30, 1942.) (1926)

ROBERT ARMAND SHILEY, Ph.D.................*Associate Professor*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; Ph.D., Yale University, 1939. (On leave. Entered U. S. Naval Reserve October 26, 1942.) (1931)

WINNIE DAVIS NEELY, M.A.....................*Assistant Professor*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

JANICE MEREDITH CREWS, M.A. .... *Instructor*
A.B., Beloit College, 1921; Elias Day Conservatory, 1921; Hinshaw Conservatory, 1926-27; School of Theatre, Bath, England, 1931; M.A., University of Chicago, 1937. (Substitute instructor, October 26 to December 18, 1942.) (1942)

BUREN C. ROBBINS, A.M. .... *Assistant Professor*
B.E., Drake University, 1931; A.M., State University of Iowa, 1935. (Substitute assistant professor.) (1943)

FOREIGN LANGUAGE

KEVIN GUINAGH, Ph.D.* .... *Associate Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. (1931)

ELLEN ELIZABETH MICHAEL, A.M. .... *Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

RUTH CARMAN, A.M. .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

GEOGRAPHY

NORMAN CARLS, Ph.D.* .... *Associate Professor*
B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (On leave for service in U. S. Naval Reserve.) (1940)

RUBY MILDRED HARRIS, S.M. (Acting Head).... *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (On leave Fall Quarter, 1942.) (1923)

ROSE ZELLER, Ph.D. .... *Associate Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

VERA E. RIDGON, Ph.D. .... *Assistant Professor*
A.B., 1921, M.A., 1923, Ph.D., University of Nebraska, 1934. (Substitute assistant professor, Fall Quarter, 1942.) (1942)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.* .... *Associate Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate study, University of California, 1923-24; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, A.M. .... *Assistant Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; Graduate study, Cornell University, summer, 1939; Pennsylvania State College, 1941-42. (1937)

WILMA WARNER, M.S. .... *Instructor*
B.Ed., Western Illinois State Teachers College, 1934; M.S., Iowa State College, 1938. (1941)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.* .... *Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)

WAYNE P. HUGHES, Ed.D. .... *Assistant Professor*
Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Ed.D., New York University, 1942. (On leave. Left January 1, 1943, to do special war service work for The National Safety Council.) (1923)

RUSSELL HENRY LANDIS, Ed.D. .... *Assistant Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; Ed.D., Pennsylvania State College, 1940. (On leave. Left April 5 to fill a war-time service appointment in the U. S. Office of Education.) (1930)

LIBRARY

MARY JOSEPHINE BOOTH, B.L.S.* .. *Associate Professor and Librarian*
A.B., Beloit College, 1900; B.L.S., University of Illinois Library school, 1904; The University of Chicago, second summer term, 1908. (1904)

MAY SMITH, M.S. .... *Instructor*
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1927)

ESTHER DUGGLEBY, M.A. .... *Instructor*
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S., in L.S., 1931; M.A., University of Illinois, 1938. (1935)

HARRIET LOVE, M.S. .... *Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

MARGARET LORENA EKSTRAND, B.S. in L.S. .... *Instructor*
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., George Peabody College for Teachers, 1942. (1942)

MATHEMATICS

EDSON HOMER TAYLOR, Ph.D.* .... *Professor*
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)

HOBART FRANKLIN HELLER, Ph.D.............. *Associate Professor*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

RUTH HOSTETLER, A.M.............................. *Instructor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

MUSIC

LEO J. DVORAK, Ph.D.*........................ *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (1940)

ETHEL IRENE HANSON, A.M.................... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

RUDOLPH D. ANFINSON, Ph.D.................. *Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail School of Music, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

ROBERT AUSTIN WARNER, M.A.................. *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (On leave. Left May 14, 1943, to enter military service.) (1938)

MARGET IRENE JOHNSON, M.M.......................... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

DONALD E. JOHNSON, A.M.............................. *Instructor*
B.S. in Ed., State Teachers College, Maryville, Missouri, 1933; Graduate study, State Teachers College, Maryville, Missouri, 1933-34; Juilliard School, New York City, summer, 1936; A.M., Teachers College, Columbia University, 1938; Graduate study, Teachers College, Columbia University, summer, 1939. (On leave for service in the U. S. Army.) (1940)

PHYSICAL EDUCATION

Men

CHARLES P. LANTZ, Pd.D.*...................... *Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer, 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S.................. *Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939 and 1941. (1932)

GILBERT CARSON, A.M.......................... *Assistant Professor*
Diploma, Southern Illinois State Normal University, 1921; Coaching school, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (On leave for service in the U. S. Army.) (1936)

CLAYTON MILLER, B.S. .... *Instructor*
B.S., University of Illinois, 1924. (Substitute part-time instructor, Fall and Winter Quarters.) (1942)

Women

FLORENCE MCAFEE, Ed.D.* .... *Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

MABEL J. HUPPRICH, M.S. .... *Assistant Professor*
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34, summer, 1941. (1934)

EDITH CRAWFORD HAIGHT, A.M. .... *Assistant Professor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Graduate study, New York University, summers, 1930, 1932; New York University and Columbia University, 1937-38; New York University, 1st semester, 1941-42. (1938)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.* .... *Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester, 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

WALTER ALBERT, Ph.D. .... *Assistant Professor*
A.B., Wayne State Teachers College, 1928; M.S., 1932, Ph.D., University of Nebraska, 1934. (Resigned November 6, 1942.) (1939)

LOIS WILNA DALE, Ph.D. .... *Assistant Professor*
B.S., Montana State College, 1937; Ph.D., Iowa State College, 1942. (1942)

EDGAR CRAIG LITTLE, M.S. .... *Instructor*
B.S., Cotner College, 1925; M.S., State University of Iowa, 1932; Graduate study, University of Nebraska, 1926-27, 2nd Semester, 1931, summer session, 1934; University of Colorado, summer session, 1937; State University of Iowa, summer session, 1942. (1942)

Physics

ORA LEE RAILSBACK, Ph.D.* .... *Professor*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana University, summers, 1924, 1926; The University of Chicago, summers, 1928, 1929; Ph.D., Indiana University, 1937. (On leave. Left May 24, 1943, to enter military service.) (1924)

WILLIAM MARION PIERCE, Ph.D. .... *Associate Professor*
A.B., 1918, M.S., 1920, Ph.D., Cornell University, 1928; Post-graduate work, Columbia University, 1935-36. (1942)

SOCIAL SCIENCE

CHARLES HUBERT COLEMAN, Ph.D.*........................*Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D.................*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Graduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D...................*Assistant Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D..................*Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.*....................*Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (On leave. Left October 21, 1942, to do special work with the American Red Cross.) (1934)

PAUL MERVILLE LARSON, Ph.D. (Acting Head)..*Associate Professor*
B.S., 1927, M.S., Kansas State College, 1929; Ph.D., Northwestern University, 1942. (1942)

GRACE MILLS WILLIAMS, M.A..................*Assistant Professor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935; Graduate study, University of Michigan, summer, 1937; University of London, summer, 1939; Northwestern University, summers, 1938 and 1940; University of Mexico, summer, 1941. (On leave. Enlisted in WAVES, January 10, 1943.) (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D..............................*Director of Teacher Training and Placement Bureau*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D..............................*Principal of Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M....*Assistant Professor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M., *Assistant Professor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; University of Southern California, summer, 1941. (1920)

EMILY VERONICA BAKER, A.M. .... *Assistant Professor and Sixth Grade Critic*
B.Ed., Illinois State Normal University, 1929; A.M., George Peabody College for Teachers, 1933; Part-time graduate study, University of Illinois, 1936-37, first semester, 1937-38; Graduate study, Columbia University, summer, 1938, spring and summer, 1941, and year 1941-42. (Resigned October 27, 1942.) (1935)

LOIS VIVIAN JOHNSON, M.A. ...... *Instructor and Sixth Grade Critic*
B.E., DeKalb State Teachers College, 1938; M.A., Northwestern University, 1939; Graduate study, Columbia University, summer, 1940. (November, 1942)

BERNICE I. BANKSON, A.M. .... *Instructor and Fifth Grade Critic*
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938; Northwestern University, summer, 1941. (1933)

MYRTLE ARNOLD, A.M. .... *Instructor and Fourth Grade Critic*
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939. (1930)

NANNILEE SAUNDERS, A.M. .... *Instructor and Third Grade Critic*
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)

OLIVE LENORE THOMPSON, A.M. .. *Instructor and Second Grade Critic*
A.B., Iowa State Teachers College, 1930; A.M., The State University of Iowa, 1936; Graduate study, University of California, summer, 1939; University of Southern California, summer, 1940. (On leave for graduate study, 1942-43.) (1937)

MARY SAMTER, M.A. .... *Instructor and Second Grade Critic*
Diploma, State Teachers College, Stevens Point, Wisconsin, 1927; Student, Wayne University, summer, 1938; University of Chicago, one quarter, 1940; B.Ed., Western Illinois State Teachers College, 1941; M.A., State University of Iowa, 1942. (Substitute instructor, 1942-43.) (1942)

MARGARET B. DONLEY, A.M. ....
.... *Assistant Professor and First Grade Critic*
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbia University, 1932; Graduate study, University of Colorado, summer, 1940. (1935)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D. .... *Principal of Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

ALLEN PERDUE BRITTON, A.M. ...... *Instructor in English and Music*
B.S. in Music Education, 1937; A.M., University of Illinois, 1939; part-time graduate study, Indiana University, 1940-41. (1941)

Ruth Carman, A.M...................*Assistant Professor in Latin*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

Lena Boyd Ellington, A.M....*Assistant Professor in Social Science*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

Seth Arthur Fessenden, Ph.D.....*Assistant Professor in English*
B.S., 1934, M.S., University of Illinois, 1935; Graduate study, University of Montana, summer, 1937; Cornell University, summer, 1938; University of Illinois, summer, 1939; Ph.D., New York University, 1941. (On leave.) (1938)

Ewell Weldon Fowler, M.S..........*Instructor in Industrial Arts*
B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; University of Missouri, summers, 1939, 1940, 1941. (1941)

Gertrude Hendrix, M.S., A.M...*Assistant Professor in Mathematics*
A.B., DePauw University, 1926; M.S. (Education), 1930, A.M. (Mathematics), University of Illinois, 1935. (1930)

Ica Marks, M.S.......*Instructor in Biological and General Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (1932)

Ellen Elizabeth Michael, A.M......*Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

Winnie Davis Neely, M.A...........*Assistant Professor in English*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

Roberta Lee Poos, A.M...........*Instructor in English and Speech*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennyslvania College for Women, summer, 1937. (1935)

Marvin Frank Smith, M.A......*Instructor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940. (1940)

Helen L. Taylor, M.A........................*Instructor in English*
B.S. in Ed., University of Minnesota, 1925; M.A., Creighton University, 1941. (Substitute instructor.) (1943)

Paris John Van Horn, M.S.........................*Athletic Coach*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 1938, 1940, and second semester, 1941-1942. (1935)

AFFILIATED TRAINING SCHOOLS

Hans Christian Olsen, Ph.D.............................*Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Columbia University, 1926. (1938)

Charleston High School

U. B. Jeffries, A.M.....*Superintendent of Charleston Public Schools*
A.B., Indiana University, 1920; A.M., University of Wisconsin, 1931; Graduate study, New York University, summers, 1935, 1936, 1937, 1938, 1939, 1942. (1941)

Edgar L. Harden, M.A...........*Principal, Charleston High School*
B.S., Iowa State Teachers College, 1935; M.A., University of Iowa, 1938; Graduate study, University of Iowa, summers, 1939, 1942. (1941)

Kathleen Drummond, M.S.............................*Commerce*
B.S., Indiana State Teachers College, 1939; M.S., University of Illinois, 1940; Graduate study, University of Denver, summer, 1941. (1941)

Doris Marsome Nickel, B.S...........................*Commerce*
B.S., Indiana State Teachers College, 1939; Columbia University, summer, 1941. (1942)

Irene Van Meter, M.S...................................*Science*
B.S., Illinois Wesleyan University, 1926; M.S., University of Illinois, 1934; Illinois State Normal, summers, 1935-36; Eastern Illinois State Teachers College, summer, 1940. (1942)

Humboldt High School

Howard Eugene Greer, M.A.............*Superintendent, Humboldt Public Schools, History and Geography*
B.Ed., Southern Illinois State Normal University, 1932; M.A., University of Illinois, 1936; Graduate study, University of Illinois, summer, 1941. (1936)

Ruth Aileen Brookhart, B.Ed.........................*Commerce*
B.Ed., Eastern Illinois State Teachers College, 1942. (1942)

Hazel Berniece Haskett, M.A...................*Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1937; M.A. Columbia University, 1942. (1942)

William Robert Maguire, B.E............*Mathematics and Science*
B.E., Western Illinois State Teachers College, 1937; summers, 1940, 1941. (1942)

Mary Elizabeth Poorman, B.A...........................*English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

Richard James Bromley, B.Ed.........................*Grades 5-8*
B.Ed., Eastern Illinois State Teachers College, 1938; Graduate study, University of Illinois, summer, 1941. (1940)

Eileen Gilliam, B.S.................................*Grades 1-4*
B.S., Murray (Kentucky) State Teachers College, 1935; Graduate study, George Peabody College for Teachers, spring 1938 and summers, 1938, 1939. (1942)

Kansas High School

John C. Roberts, M.A....*Superintendent of Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940; University of Illinois, summer, 1941, year 1941-42. (1940)

Mrs. Harry Stewart, Jr., B.S............................*Commerce*
B.S., Indiana State Teachers College, 1940. (1942)

Juanee Swearingen, B.Ed.......................*Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939. (1940)

Rural Schools

Mabel Bradham, B.Ed..................*Clear Springs Rural School*
B.Ed., Southern Illinois State Normal University, 1942. (1942)

Glenna Juanita Albers, B.Ed.............*Oak Grove Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-39. (1937)

Mabel Johnson McKay, B.Ed...........*Muddy Point Rural School*
B.Ed., Illinois State Normal University, 1940, summer, 1941. (1940)

EXTENSION

Bryan Heise, Ph.D.	*Director of Extension, Education*
Donald Rhodes Alter, Ph.D.	*Social Science*
Harold Maxon Cavins, Ed.D.	*Biological Science*
Charles Hubert Coleman, Ph.D.	*Social Science*
Earl Samuel Dickerson, Ed.D.	*Commerce*
Leo J. Dvorak, Ph.D.	*Music*
Walter A. Klehm, Ed.D.	*Industrial Arts*
Glenn Huron Seymour, Ph.D.	*Social Science*
William G. Wood, Ph.D.	*Social Science*

EMERITUS FACULTY

Ellen A. Ford, A.M.	*Dean Emeritus*
Fiske Allen, A.M.	*Professor Emeritus*
Simeon E. Thomas, LL.D.	*Professor Emeritus*
Annie Laura Weller, A.B., S.B.	*Professor Emeritus*
Albert B. Crowe, A.M.	*Associate Professor Emeritus*
*Friederich Koch	*Associate Professor Emeritus*
Edith E. Ragan	*Assistant Professor Emeritus*
Anabel Johnson, A.M.	*Instructor Emeritus*
Gilberta Coffman	*Instructor Emeritus*
Anna Holden Morse	*Instructor Emeritus*

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*Died March 21, 1943.

PART I: GENERAL INFORMATION

LOCATION
HISTORY
EQUIPMENT
RATING
EXPENSES
COLLEGE TEXTBOOK LIBRARY
PENALTIES
BOARD AND ROOM
SCHOLARSHIPS
EDUCATIONAL BENEFIT ACT
LOAN FUNDS
STUDENT ACTIVITIES
ALUMNI CLUB
THE ALUMNI ASSOCIATION
ASSOCIATED EASTERN STATE CLUBS
THE BUREAU OF TEACHER PLACEMENT
THE CERTIFICATING LAW

EASTERN ILLINOIS STATE TEACHERS COLLEGE

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running across Illinois through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion, Illinois.

A bus-line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

Distances in miles from Charleston by paved highway are:

Chicago	200	Flora	78
St. Louis	145	Lawrenceville	81
Terre Haute	51	Danville	64
Decatur	57	Vandalia	73
Champaign-Urbana	58	Olney	57
Salem	86	Pana	54

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year. Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school. In 1942, one hundred and twenty-two students were graduated with the Bachelor of Education degree and fifty-one students received the Junior College diploma.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 an eight weeks summer term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. In 1943, an eleven weeks' summer term was offered, divided into two half terms—the first term of six weeks and the second term of five weeks. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920.

EQUIPMENT

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoölogical studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of $21,600 made by the General Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house was used as a co-operative dormitory by a group of men students until it burned in the spring of 1942.

Main Building. The main building is a three-story structure, thre hundred twenty-three feet in length, built of rough Bedford stone. I is in the Norman style, with a tower which is the neighborhood land mark. In this building are offices, the library, the assembly room music and art rooms, and classrooms.

Training School Building. The Legislature of 1911 appropriate $75,000 for a training school building. It is of smooth Bedford stone and was completed in 1913. It provides a double classroom for eac grade, contains a children's library, laboratory rooms for art an music, and offices for the Principal of the Elementary School and th Department of Education.

Pemberton Hall. The Legislature of 1907 appropriated $100,000 fo a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building ha been recently refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The Legislature of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing, and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. The library contains over 61,000 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of more than 380 periodicals, including many devoted to special sub- School building. A children's librarian is in charge. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. jects. A children's library, containing about 4,000 books, occupies a commodious room at the north end of the third floor of the Training Four librarians are in charge. *Lessons in the use of the library* are required in all curricula as explained in the Description of Courses.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois.

EXPENSES

Tuition is free to legal residents of Illinois who are pursuing a regular curriculum. Tuition of $15.00 a quarter in addition to all fees described below required of others. Students not registered for required physical education or library use will be regarded as tuition students, unless these courses have been completed.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons shall be admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

Students who are on probation for two consecutive quarters are excluded from attendance for the period of one calendar year unless they are given special permission by the Dean to remain. They are reported as "Dropped on account of low scholarship" if record is transferred to another college.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; but a charge of $1.00 is made for additional copies of this transcript sent later.

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see below)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. Laboratory fees may be charged students taking certain courses to cover supplies and breakage.

Candidates for graduation should make application for graduation at the Registrar's Office and pay the $5.00 graduation fee by April 1. This fee covers all graduation expenses, including use of cap and gown.

A towel deposit of seventy-five cents is required for each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The Eastern Illinois State Teachers College offers a plan of providing adequate textbooks for all classes at unusually low cost. The college operates a bookstore on a flat rental basis. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than by ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of 50 cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of 50 cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for from $1.75 to $2.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable quarterly in advance. For table board, $90.00 a quarter is charged, payable monthly in advance ($30.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $7.50 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Cooperative Dining Service. There is one cooperative dining service for men students. It is sponsored by a fraternity and is subject to college supervision. Members of the service share in the work, with each member working approximately one-half hour each day. The actual cost of food is divided among the members once a week. Last year the cost averaged $3.50 a week for each member. Further information may be obtained by writing to the Dean of Men.

Housing Bureau. The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected, and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

Students are required to live in approved houses except when special permission to room elsewhere has been secured from the Dean of Men or the Dean of Women. The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the college.

SCHOLARSHIPS

Army and Navy Scholarships. Men who served in the United States Army or Navy in the World War I and the present war and who were residents of Illinois at the time of entering the service are exempt from the payment of tuition and registration fee ($10.00). They pay only the student activity fee of $6.00 and the book rental fee of $3.50.

Normal School Scholarships. The State Legislature passed an act in 1935 stating that:

> There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.
>
> The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships pay only the student activity fee of $6.00 a quarter and the book rental fee of $3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters during the calendar year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50.

The student must present the Lindly Scholarship at the time the fees are paid.

University of Illinois Graduate Scholarship. The University of Illinois offers a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred and fifty dollars. The student nominated by the faculty for 1942-43 was Earl Lester Oliver, a major in English.

The Florence Vane Skeffington Scholarship. In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English. No award was given in 1942.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1942-43 was made to Marguerite Little.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 reads as follows:

> Section 1. The sum appropriated under the provisions of this Act shall be used for the sole purpose of providing for matriculation fees, board and room rent and books and supplies for the use and benefit of the children not under sixteen and not over twenty-two years of age; and who have for twelve months had their domicile in the State of Illinois, of those World War veterans, who were killed in action or died from other causes in the World War, from April 6, 1917 to July 2, 1921, while serving in the army, navy or marine corps of the United States as a result of such service; which orphans are attending or may attend a state educational institution of a secondary or college grade. Said children shall be admitted to state institutions of secondary or college grade, free of tuition.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the junior or senior year to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

In 1934 there was left to the college by the will of the late John L. Whisnand of Charleston, upon the death of his widow, a portion of his estate as an endowment for the Student Loan Fund, the income from the endowment to be available for loans to deserving students. The estate is now in the process of settlement and the amount that the college will receive has not yet been determined.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, and for organizing ability and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare, and consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities and the Student Health Service are financed by a self-imposed Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Eastern Teachers News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic and Sports Board, the Forensics and Dramatics Board, the Music Activities Board, Health and Hospitalization Board, Student Publications Board, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the College to the State Teachers College Board.

HEALTH SERVICE

The College Health Service maintains offices and examination rooms in the Health Education Building. This service supervises the annual physical examination and general health condition of students as recommended by the American Association of Teachers Colleges. Students are afforded seven days of free care in a ward of a local hospital upon recommendation of the Health Service.

ENTERTAINMENT COURSE, 1942-43

October 5	Weicher-Powers-Reuter Trio
October 28	Bali-Java Dancers
January 22	Henry Scott, Pianist-Entertainer
March 9	Curtis String Quartette

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English, or by written application to the Board of Student Publications. For the last twelve years *The Eastern Teachers News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937–1942, the high position of medalist was achieved in the Columbia rating as well as All-Columbian, 1936-1942. *The Eastern Teachers News* is a member of the National, the Columbia University, and the Illinois Colleges press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, 1940, and 1941 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to the *The Warbler* of 1938 and 1939.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the college. Social functions are scheduled on the social calendar after approval of the committee. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members ex-officio of the Social Activities Board.

The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women. The major activities are in turn governed by a series of nine other boards made up of faculty and students, with duties implied in the names given them. The boards for 1942-43 are:

Board	*Chairman*
Apportionment	Earl S. Dickerson
Athletics and Sports	Charles P. Lantz
Entertainment	Glenn H. Seymour
Forensics and Dramatics	J. Glenn Ross
Health and Hospitalization	Dr. Ethel E. Little
Music Activities	Leo J. Dvorak
Social Activities	Rudolph K. Anfinson
Student Publications	Franklyn L. Andrews

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930–31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. It is governed by a Council of Nine, elected by the membership at large and representing each of the four classes.

ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. In 1939 the golf team won first place in the Teachers Colleges match and first place in the "Little Nineteen." A well-organized program of intra-mural games for men is carried out.

Varsity Club. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

Women's Athletic Association. The purpose of this association is to advance the standards of sportsmanship and promote athletics. It is organized into clubs, such as hockey, soccer, badminton, bowling, basketball, baseball, archery, golf, tennis, social dancing, and the modern dance. Any woman is eligible for club membership and a W. A. A. letter is awarded to those who receive credit in eight clubs. The organization sponsors co-educational recreation activities, "Sports Days" with other colleges of the state, and a spring dance recital.

SPEECH ACTIVITIES

Dramatics. The college dramatics organization is known as "The Players." It is one of the largest and most active organizations on the campus. Leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The Health Education Building includes a large stage, supplied with modern equipment. There are two large dressing rooms and a make-up room. The lighting equipment includes a remote-control, interlocking major switchboard, footlights, x-ray border lights, floods, and spotlights.

Forensics. Eastern's intercollegiate forensic affiliations include Pi Kappa Delta, a national honorary society; the Illinois Intercollegiate Debate League; and the Illinois Intercollegiate Oratorical Association.

In 1942 Eastern was represented at the National Pi Kappa Delta Convention at Minneapolis, and in 1943 at the Provincial Convention held at Normal. Eastern speakers won second in the State Extempore Speaking Contest and fourth in the State Oratory Contest. The College was host to the Sixth Annual Invitational Debate Tournament. Other tournaments and contests attended during the year were those at Illinois Normal University and Manchester College.

A major activity of the year was an extensive program of Victory Speaking before Civilian Defense groups, community organizations, high schools, study clubs, American Legion meetings, and other audiences. An unusually fine opportunity was offered students to put their speech training into practice in a patriotic manner.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the A Cappella Choir, the Men's Glee Club, and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and re-creating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs throughout the year, uniting to present the "Messiah" at Christmas in alternate years, and an oratorio or opera in the spring. The Glee Clubs, the College A Cappella Choir, the Orchestra, and the Symphonic Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Alpha Beta Gamma, a student branch of the National Association of Childhood Education, the purpose of which is to promote the education of young children, was organized in September, 1941. Anyone majoring in elementary education is eligible to become a member of the organization.

Art Club, an organization of art majors and minors, and other students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

Country Life Club, a student organization interested in developing leadership in and through recreational and social activities such as community sings, folk dances, games, and dramatics. It aims also to develop mutual understanding and appreciation of rural and city communities through discussions, talks, and moving pictures. By tradition, members are responsible for the success of the club.

Eastern State Club, campus organization formed in 1937, whose membership is limited to thirty-five students, directs its efforts toward promoting greater student, faculty and alumni interest in college affairs. It constantly searches for worthwhile things to do which will contribute to the progress of the College. Activities have included the preparation of a design for college pennants, and the sale of these; preparation of the complimentary souvenir programs for the Silver Jubilee Homecoming; election each fall of a Football Greeter; distribution of posters and other promotional work for important campus events; assistance in the management of athletic events; decoration of the college towers for the Christmas holiday season; and introduction of the plan for electing Marshals and Aides in the Junior Class. Early in 1940, the organization voted to elect one faculty member to honorary membership each year. Honorary members are President Robert G. Buzzard, Winnie Davis Neely, Elizabeth K. Lawson, and Hobart F. Heller.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, an organization for young women enrolled in home economics with its primary objective to further the professional and social life of its members.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty, and others interested in music education. The activities of the organization are planned to promote professional interest in the field and to give a purposeful perspective to those planning to teach.

The Players is open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students majoring in botany, zoology, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

Sigma Delta—a local journalistic club—was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is open to all students interested in journalism. Faculty and townspeople are welcome to attend meetings during which special speakers are presented.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

NATIONAL HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, international honor society in education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in industrial arts, was installed May 25, 1933. Membership is limited to students with high scholarship in industrial arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon, national professional fraternity in mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of Kappa Pi, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Pi Kappa Delta—Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of Gamma Theta Upsilon, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES AND SORORITIES

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929-1941, it existed as *Fidelis*, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life. There are about forty members. Cooperative dining service is maintained at the fraternity house.

Sigma Sigma Sigma, Alpha Psi Chapter, a national teachers college sorority, was installed February 28, 1942. Previous to going national it existed for three years as Alpha Tau Nu, a local sorority. There is a strong alumnae group in an effectively organized alumnae chapter located at Charleston. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

Delta Sigma Epsilon, Alpha Nu Chapter, a national teachers college sorority, was installed March 13, 1943. Previous to going national it existed for two years as Chi Delta Gamma, a local sorority. Arrangements have been made for a house. It has a large, strong alumnae group and an active membership of about twenty-five. Girls are chosen for their scholastic ability, leadership, and talent for living.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student activities.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president,
Editor of the Warbler or News,
Business Manager of the Warbler or News,
President of a fraternity or sorority.
Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. Any student falling below the academic standing required of athletes is not permitted to take part in extra-curricular activities or organizations.

CHICAGO ALUMNI CLUB

The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the president, Theodore Cavins, Lake Forest High School, Lake Forest, Illinois.

THE ALUMNI ASSOCIATION

Alumni Day is observed annually in the spring. Officers of the Alumni Association for 1942-43 are: Mr. Arthur C. Forster, '23, President and Chairman of the Executive Committee; Mr. Theodore Cavins, '26, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

Executive Committee

Miss Emily Orcutt, '08 (term expires in 1945) (deceased, October, 1942).

Mrs. Earl W. Goodman (Grace W. Gordon), '28 (term expires in 1945).

Mr. Ferdinand Homann, '08 (term expires in 1943).

Dr. Ciney Rich, '12 (term expires in 1943).

Mrs. Thomas Manuell (Carrie Jordan), '12 (term expires in 1944).

Mr. Roy Wilson, '36 (term expires in 1944).

ASSOCIATED EASTERN STATE CLUBS

Since 1937, twenty-one Eastern State Clubs composed of graduates and former students have been formed. With the exception of the Springfield Club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program. The activities of the clubs, which help to keep former students in contact with college events, are instrumental in bringing large groups back for Homecoming in the fall.

On Alumni Day, May 14, 1938, officers of the clubs met on the campus and formed the Associated Eastern State Clubs. An Executive Council composed of ten persons was chosen to direct the affairs of the clubs. The president of the Eastern State Club on campus is elected for one year. Roy Wilson, director of alumni activities, was designated as secretary-editor of the clubs and made an ex-officio member of the Council. The president of the Alumni Association automatically becomes a member of the Council, according to action taken by the Council on May 25, 1940. Other Council members are elected for two-year terms. Members of the Council for 1942-43 follow:

Miss Florillo Gard, '39, Casey, Chairman.
Mr. Arthur Forster, '23, Paris, President, Alumni Association.
Mr. Harold Cottingham, '35, Bloomington, Ind.
Mr. U. L. Evans, '42, Shelbyville.
Mr. Everett L. Clinard, '33, Oblong.
Mrs. Thomas Manuell, '12, Decatur.
Mr. Theodore Cavins, '26, Lake Forest.
Mr. Stanley Elam, '38, Willow Hill.

Miss Janet Southard, '26, Tuscola.

Miss Martha Moore, '43 (Student Member).

Mr. Roy Wilson, '36, Charleston (Secretary-Editor and Ex-Officio Member of Council).

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them in securing well-qualified teachers. Its purpose is also to assist any student or former student of the college in securing a teaching position.

It is the aim of the Bureau of Teacher Placement to furnish the prospective employer information needed in considering our applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and home community references.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

The following new certificating law for teachers was passed by the Legislature in July, 1941. This Act repeals the old certificating law and shall be in effect on and after July 1, 1943.

I. A limited elementary school certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.

Certification by Examination

Students planning to take the state examination for certificate to teach in the elementary or rural schools at the end of two years of college work should have their course to fit their individual needs planned by the dean or registrar when they enroll.

(B) Applicants who hold a bachelor's degree in elementary education with a minimum of sixteen semester hours in education including at least five semester hours in student teaching.

II. A limited kindergarten-primary certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.

(B) Applicants who hold a bachelor's degree with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching.

III. Graduation with the degree from a high-school curriculum gives a limited high-school certificate.

IV. If the student has taught successfully for four years he may also have a supervisory certificate.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

Note: For certification and graduation requirements relative to scholarship, see pp. 50 and 52.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE
SIXTY-SECOND GENERAL ASSEMBLY, 1941

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE						
	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. Scope of Validity:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching;	Teaching; supervision	Teaching; supervision kindergarten	Teaching	Teaching	Teaching
(c) Grades of school system	1–12	7–12	1–12	1–3	1–8	7–12	13–14
II. Requirements for Issue on Credits:							
(a) College semester hours	120	120	120^{1}	120^{2}	120	Prescribed by Board^{6}	Master's^{8}
(b) Semester hours in education	16	16^{3}	16^{3}	16^{3}	16^{3}	0	20
(c) Teaching experience	4 yr.	0	0	0	0	15 15 15 120^{9}	0
(d) ^{4}Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth		Success; growth
III. Requirements for Issue by Examination:							
(a) College semester hours			60^{5}	60^{5}	60^{5}		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—			Success; growth				
1. First renewal				75	75		
2. Second renewal				90	90		
3. Third renewal, etc				120	120		
IV. Conditions of Exchange for Life Certificate:							
(a) Years of successful experience	Super. 4 yr.^{7}	4 yr.^{7}	4 yr.^{7}	4 yr.^{7}	4 yr.^{7}		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.

[2] Including 60 semester hours in a recognized kindergarten-primary training school.

[3] Including 5 semester hours in practice teaching.

[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.

[5] Ten semester hours in education, of which five shall be in practice teaching.

[6] Must meet requirements of Examining Board.

[7] Two years of which shall have been in Illinois.

[8] Including major in field taught.

[9] Including 16 semester hours in education.

PART II: INSTRUCTION

ORGANIZATION
DIVISION OF THE YEAR
REGISTRATION
ADMISSION REQUIREMENTS
GRADUATION
SCHOLARSHIP
EXTENSION SERVICE
CURRICULA
CREDIT
NUMBERING OF COURSES
MAJOR AND MINOR SUBJECTS
ELECTIVES
DESCRIPTION OF CURRICULA
TRAINING SCHOOLS
DESCRIPTION OF COURSES

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college department proper, the Training Schools on the campus, and the Affiliated Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clear Springs, Muddy Point, and Oak Grove, the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, the Kansas Community High School, and the Charleston High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each. In addition there is a summer term of eleven weeks.

REGISTRATION

New Students' Orientation Program: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in the auditorium in the Health Education Building at nine o'clock on Monday morning, September 6, 1943. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any student who registers later than Monday is required to pay a late registration fee of one dollar.

Upper classmen are urged to complete their registration during the morning of September 6.

Classwork for all students starts at eight o'clock, Tuesday morning, September 7.

ADMISSION REQUIREMENTS

Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Probationary Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in freshman year.

Students transferring from other colleges must present high school and college credentials and are given advanced standing *only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.*

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

A registration permit is mailed to the student when his application for admission and his record have been checked and filed.

GRADUATION

Accelerated program. The four-year degree college course may be completed in three years by students who wish to shorten their college course in this way. This may be done by doing summer work in each of three summer terms. From sixteen to twenty-four quarter hours may be taken in the Summer Term (11 weeks) each summer, thus making it possible for a student to get from forty-eight to seventy-two quarter hours of college work done in three summer terms.

Detailed information of specific interest to individuals may be secured by writing to the Registrar.

The degree of Bachelor of Science in Education (B. S. in Ed.) is conferred upon graduation. Four-year curricula prepare teachers for high school, for the elementary grades, and for positions as principals, supervisors, and teachers of special subjects. *A year's resident work (Senior College credit) is required for a diploma or a degree.*

One hundred and ninety-nine quarter hours are required for a degree, except for majors in elementary education (203 q. h.) or commerce (200 q. h.). Credit earned in dramatics, glee club, chorus, orchestra, or band is in excess of the total required for graduation, except for specific requirements for those whose major or minor is music.

Correspondence or extension work is accepted from accredited colleges to the extent of forty-eight quarter hours toward a degree.

Students who do not have a scholarship average of C cannot transfer in their last year credits from other colleges to count toward graduation.

For the degree, one-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject in addition to education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each of these students in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. *No names will be added to the list of candidates for graduation after April 1.* A student who is not more than sixteen quarter hours behind the class at that time may participate in commencement exercises with the class and receive his degree at the close of the summer term if he completes the work by that time. It is possible to earn sixteen quarter hours in the eleven weeks' summer term.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, Withdrew[3]	0 grade point
F, Failure	—1 grade point

[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time *without the written permission of the Dean of the College* entails a grade of F (Failure).

I. *Graduation Honors.* These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year and the sophomore year in the case of Junior College diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his work and B average in the rest.

Graduation with honors requires a grade of A in one-half of the student's work; B or higher in one-fourth of his work; and C average in the rest.

Graduation honors are noted on the diploma and announced at Commencement.

II. *Scholarship Honors.* Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. *Admission to Student Teaching.* 1. For registration for student teaching in any quarter in any curriculum a student must have a C (1.0) average or higher.

2. Students transferring from other colleges must be in attendance at least one summer term or one quarter during which they earn sixteen quarter hours of credit. They must have a C average, or higher, for all their work and meet all the other requirements that apply to eligibility for student teaching.

3. Students who meet all the requirements may be admitted to student teaching in the sophomore or junior year with permission of the Dean and the Director of Teacher Training.

4. No student may be admitted to student teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education, three quarter hours of required physical education, Library 120, and Commerce 120.

5. No junior or senior is eligible to take student teaching until he has completed 6 quarter hours of required physical education and Library 120. Students in a four-year elementary or commerce curriculum must also have completed Commerce 120 before being eligible for student teaching.

IV. *Certification and Graduation Requirements.* C average is required for graduation and certification. Not more than one-fourth of the student's grades may be D. A C average is defined as follows: A grade point average of 1.0 with as many grades above C as there are grades of D.

An average of C in the major subject is also required for graduation.

V. *Extra Work.* No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking student teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. No student may register for a course except in a regularly scheduled class.

VII. *Probation.* 1. A student whose grade points total less than two (A = 3; B = 2; C = 1; D = 0; F = —1) in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college.

2. A student who receives three grades of D in any one quarter is on probation the following quarter.

3. A student who is on probation for two consecutive quarters at the end of this period is excluded from attendance for the period of one calendar year unless tuition is paid and he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another college.

4. A student who fails in one course and has lower than C average in the three remaining courses of that quarter is not permitted to register for more than three courses in the following quarter.

5. A student who fails in one-half of his work (2 courses) in one quarter is on probation for the following quarter.

6. In the summer term students who fail in one course and have less than C average in the remaining course, or who earn two grades of D, are on probation for the following quarter or term.

VIII. *Exclusion.* A student failing in three courses, twelve quarter hours, in any quarter or in one-half of his work, eight quarter hours, in each of two consecutive quarters, is dropped from the college.

IX. *Attendance at classes.* Students are expected to attend all classes for which they are registered unless prevented by illness or some other urgent reason. Students who have been absent because of illness must present a permit from the Health Service upon returning to classes.

EXTENSION SERVICE

The organization of Extension courses has made it possible for the college to assist teachers in service to continue their education. Extension work to the extent of not more than 48 quarter hours of credit is acceptable toward graduation.

Organization. Classes are organized in county seats or other towns where twenty or more students can agree upon an acceptable course, and for which the college can release an instructor. Most of the courses offered are on the senior college level. This is due to the fact that the majority of students are working toward a degree. However, if a sponsoring group desires a course on the junior college level, such a course can be arranged.

Entrance. The courses are open to (1) high school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon previous attendance at the Eastern Illinois State Teachers College. Prerequisites for the course are adjusted between the instructor and student.

Credit. Classes meet two and one-half sixty-minute periods a week for sixteen weeks for which four quarter hours of credit are given upon satisfactory completion of the course. This credit is transferable, provided the work is in harmony with the curriculum pursued by the student. Since the curricula generally provide for electives, extension courses can usually be adjusted upon this basis.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for book rental. If the books are not obtainable from the college library, the rental fee is waived and the members of the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension, Eastern Illinois State Teachers College, Charleston, Illinois.

CURRICULA

Four-year Curricula, 199 quarter hours each,* are offered for the preparation of the following:

1. Elementary Grade Teachers (Lower grades, upper grades, rural schools).

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* 203 quarter hours are required for graduation from the elementary curriculum and 200 quarter hours from the commerce curriculum.

2. High-School Teachers and Teachers of Special Subjects:
    - A. Art.
    - B. Commerce.
    - C. English.
    - D. Foreign Language (Latin).
    - E. Geography.
    - F. Home Economics (Vocational).
    - G. Industrial Arts.
    - H. Mathematics.
    - I. Music.
    - J. Physical Education for Men.
    - K. Science (Biological: Botany or Zoology or both).
    - L. Science (Physical: Physics or Chemistry or both).
    - M. Social Science.
    - N. Speech.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks when the student load of prepared work is sixteen hours a week. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours).

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation except for those whose major or minor is music. The credit is recorded on the student's permanent record card and may play an important part when he is an applicant for a position.

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300–399, junior courses; 400–499, senior courses.

MAJOR AND MINOR SUBJECTS

In the curricula for high-school teachers, a student takes at least 36 quarter hours of work in a major subject exclusive of one course in methods and two courses in practice teaching and 24 quarter hours each in one or two minor subjects, in some cases specified by the department of the major subject and in other cases left to the student's choice, but the courses in the minor subjects must constitute two years' work in some one department or related field.

A student may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have a minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

ELECTIVES

Each curriculum provides for a number of elective courses. Students are urged to use their electives, in the main, to build additional minors.

A few courses are not accepted as electives in certain curricula. These exceptions are noted in the description of courses.

DESCRIPTION OF CURRICULA

FOUR-YEAR CURRICULA

1. For Preparation of Teachers for the Grades (203 quarter hours)

Freshman Year

English 120, 121, 122 or 124 or 126
Mathematics 120, 121, Hygiene 120
Social Science 137, 138, 139
Biological Science 126, 127, 128
Commerce 120
Library 120
Physical Education (Year)

Sophomore Year

Music 120, Geography 120, Art 130
Industrial Arts 224, Education 228, Art 224 (124)
Physical Science 100, 101, 102
Education 230, 231, 232
Physical Education (Year)

Junior Year

Education 343, 324 (224), 325 (225)
Social Science 233, 234, 235
Geography 221, 236, Music 228
Elective, Elective, Indus. Arts 225
Phys. Education (Year)

Senior Year

Teaching 441, 442, 443
English 234, 348*, Speech 345
Education 447, Elective, Education 344
Advanced Elective (Year)

* Or English 343 or 344 or 449.

Notes: 1. Those preparing for the lower grades should choose English 122 instead of English 124 or 126.

2. Students preparing for rural school teaching take student teaching in an affiliated rural school.

2. For Preparation of High-School Teachers (199 quarter hours)

The "core" of the four-year curriculum for high-school teachers is the same in all departments with the exception mentioned in the footnotes. In order to aid students who may wish to transfer from one major to another, these requirements are listed below:

Freshman Year

English 120, 121, 125
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

Sophomore Year

Education 230, 231, 232
Social Science (2 quarters)
Major Subject (Year)
Physical Education (Year)

Junior Year

Education 343, 344, 345
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
English A

Senior Year

Teaching 441, 442, 443
Speech 345
Major Subject (Year)
Minor Subject (Year)

This leaves a minimum of 10 electives.

NOTE: There are a few exceptions to the above requirements which are noted in the outline of the major field.

An examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall or winter quarters. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The creative work is emphasized in design, color, and drawing, and their many applications. Courses in history and appreciation are given as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, Soc. Sc. 138, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 236, 237, 238
Art 234, 226, 233
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344

Requirements for a Minor in Art:

Elementary Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 224 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(200 Quarter Hours)

(1) SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)

(2) ACCOUNTING

FRESHMAN YEAR

- English 120, 121, Commerce 141
- Commerce 110, 111, 112
- Laboratory Science (Year)
- Hygiene 120, Geography 120, Commerce 140
- Physical Education (Year)
- Library 120

SOPHOMORE YEAR

- Education 230, 231, 232
- Commerce 210, 211, 212
- Social Science 233, 234, 235
- Commerce 230, 231, 232
- Physical Education (Year)
- Commerce 120

JUNIOR YEAR

- Education 343, 344, 345
- Speech 345
- Commerce 330, Commerce 448
- Commerce 340B, Commerce 340T, Commerce 340I
- Minor Subject (Year)

SENIOR YEAR

- Teaching 441, 442, 443
- Social Science 354, 355, 356
- Geography 447, Commerce 446, 447
- Minor Subject (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES

FRESHMAN YEAR

- English 120, 121, Commerce 141
- Commerce 110, 111, 112[1] or Commerce 210, 211, 212
- Commerce 123, 124, 125[1] or Commerce 223, 224, 225
- Hygiene 120, Geography 120, Commerce 140
- Physical Education (Year)
- Library 120

SOPHOMORE YEAR

- Education 230, 231, 232
- Laboratory Science (Year)
- Commerce 230[1], 231, 232
- Social Science 233, 234, 235
- Physical Education (Year)
- Commerce 120

JUNIOR YEAR

- Education 343, 344, 345
- Speech 345
- Commerce 330
- Commerce 340B, Commerce 340T, Commerce 340I
- Commerce 340S
- Minor Subject (Year)

SENIOR YEAR

- Teaching 441, 442, 443
- Social Science 354, 355, 356
- Commerce 446, 447, Geography 447
- Minor Subject (Year)

[1] Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce: accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students majoring in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students majoring in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

Freshman Year

English 121, 126, Hygiene 120
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

Sophomore Year

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (Year)

Junior Year

Education 343, 344, 345
Speech 345, Elective, English 340
English 343, 344, Art 351
English 346, 347, 348

Senior Year

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451

Notes: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239), 346, 347, 348, 349 may be used for credit toward a minor in English, or other courses by arrangement. It is recommended that the following be always included: English 230 or 231, 234, 236, and 348.

D. FOREIGN LANGUAGE (Latin)

Freshman Year

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (Year)
Library 120

Sophomore Year

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (Year)

Junior Year

Latin 343, 344, 345
Speech 345, Elective, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)

Senior Year

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, 221, 130
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters) Hygiene 120
Geography 233, 231, 236
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 343, 447, 345

SENIOR YEAR

Teaching 441, 442, 443
Geography 340, Elective, Elective
Advanced Elective (Year)
Social Science 354, 355, Speech 345

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 130, 221, 231, 236 and 340G; for high school teachers, Geography 120, 130, 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Art 130, 131, Hygiene 120
Botany 120, Chemistry 130, 131
English 120, 121, 125
Home Economics 102, 101, 202
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 201, 203, Botany 235
Home Economics 232, 204 (301), 245 (2) and 246 (2) (446a and 446b)
Physical Education (Year)

JUNIOR YEAR

Physics 322, Social Science 330, Home Economics 340
Home Economics 347 (247), Art 344, Home Economics 344
Home Economics 346, 304, 345
Elective (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 453, Education 458, 343
Speech 345, Education 345, Home Economics 350
Elective (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203, 232, 347.

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* A 1.5 average is required to qualify for teaching in Vocational schools.

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts, 352 (348), 354, Elective
Education 343, 344, Elective
Social Science 233, 234, Speech 345

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hrs.), 365 (2 hrs.), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hrs.)

NOTES: 1. An academic minor is required.

2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.

3. One of the three quarters in student teaching is required in the minor subject.

4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Mathematics 120, 132, 133
Mathematics 130, 131, 134
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134, 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

FRESHMAN YEAR

Music 146, 147 (236, 237), 125 (6 q. h.)
Music 123, 124 (4 q. h.), Hygiene 120
English 120, 121, 125
Laboratory Science (Year)
Applied Music (6 q. h.)
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 230, 231, 232
Music 236, 237 (336, 337), 238 (6 q. h.)
Education 230, 231, 232
Social Science (8 q. h.), Music 228
Applied Music (6 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

JUNIOR YEAR

Music 351, 352, Music 337 (339) (2 q. h.)
Music 356 (338) (2 q. h.), Music 340, Music 347 (2 q. h.)
Education 343, Speech 345, Education 345
Minor Subject (Year)
Applied Music (5 q. h.)
Ensemble (3 q. h.)

SENIOR YEAR

Music 449, 450 (4 q. h.)
Teaching 441, 442, 443
Minor Subject (Year)
Advanced Elective (Year)
Applied Music (4 q. h.)
Ensemble (3 q. h.)

Note: Participation in the band, orchestra, and choir each quarter for four years is required. Credit is given at the end of the spring quarter of the last three years as indicated on p. 101.

NOTES:

1. Two quarters of history or social science are required in the sophomore year or the senior year.

2. Applied music (21 q. h.) including two years of Piano and two years of Voice is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

3. A student may be excused from any instrumental technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

4. Participation in the three principal college music organizations each year of residence is required.

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades, as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449, 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 146, 147, 236, 237, 238, 337, 356 (three to five quarters); Music 347, 449, 450, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION (For Men)

FRESHMAN YEAR
English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (4) (Year)
Library 120

SOPHOMORE YEAR
Anatomy 225, Physical Education 226, 227
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (4) (Year)

JUNIOR YEAR
Speech 345, Elective, Physical Education 340
Physical Education 347, 348, 349
Physical Education 344, Physiology 345, Physical Education 350
Education 343, 344, 345

SENIOR YEAR
Teaching 441, 442, 443
Physical Education 451, 452, 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)

Requirements for a Minor in Physical Education:

Physical Education 120, 122, 226, 227 (any three of these courses); Physical Education 347, 348, 349, 350, 452 (any three of these courses). P. E. 121 may be substituted but is not recommended.

K. SCIENCE (Biological)

NOTE: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) BOTANY

FRESHMAN YEAR
English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR
Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR
Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 346 (446)
Zoology 230, 231, 232 (or Zoology 343, 344, 345)

SENIOR YEAR
Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)

NOTE: Botany 345 may be substituted for Botany 346 (446) with permission of the instructor.

(2) ZOOLOGY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132*
English 120, 121, 125
Mathematics 130, 131, 134
Elective (Year) Preferably Physics 130, 132, 131
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)
Elective (Year) (Preferably Mathematics 235, 236, 228)
Physical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 343, Elective

SENIOR YEAR

Teaching 441, 442, 443
Education 344, Elective (2 quars.)
Chemistry 446, 447, 448, or Chemistry 450, Elective (2 quars.)
Advanced Elective (Year)

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*Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for majors in a biological science.

NOTE: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Foreign Language (German or French). One year each of botany and zoology constitutes a teaching minor in Biological Science.

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 132, 131
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters), Education 343
Elective (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)

NOTE: Radio courses will be substituted for required Physics courses beyond the freshman year. See description of courses (pp. 116-118).

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics, Chemistry, Foreign Language (preferably German). One year each of botany and zoology constitutes a teaching minor in Biological Science.

M. SOCIAL SCIENCE

Freshman Year

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Elective, Elective, Hygiene 120
Physical Education (Year)
Library 120

Sophomore Year

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

Junior Year

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (2 quars.), Social Science 340

Senior Year

Education 344, Elective (2 quars.)
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356 or 453, 454, 455

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or one year of Government or Economics or Sociology.

N. SPEECH

Freshman Year

Speech 130, 131, 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters), Hygiene 120
Physical Education (Year)
Library 120

Sophomore Year

Speech 233, 234, 235
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (Year)

Junior Year

Speech 345, 331, 346
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)

Senior Year

Teaching 441, 442, 443
Speech 444, 445, 435
Minor Subject (Year)
Advanced Elective (Year)

Requirements for a Minor in Speech:

Speech 130, 132, 233, 331, 345, 444.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5. Holders of valid Lindly scholarships pay only $4.

Affiliated Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts, one village school, consisting of an eight-grade elementary department and a four-year high school. The college is also affiliated with two four-year community high schools and a four-year city high school.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Training teachers selected for the affiliated schools must be approved by both the district and the college. A part of each rural school training teacher's salary is paid by the college.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the Director of Teacher Training. Sophomores are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this college gradual participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students who desire to take the state teachers' examination before completing the required four years of work are required to take 100 clock hours of supervised student teaching. Candidates for the degree are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to student teaching see III under "Scholarship."

DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

130. Introduction to Art.

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and elementary curricula. Elective in other curricula. (4 hours.) Fall and winter quarters.

131. Design I.

The application of decorative design and color to weaving, block printing, lettering, and posters.

Required in the art and home economics curricula. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Winter quarter.

132. Drawing I.

Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Spring quarter.

224 (124). Art for Teachers in the Elementary Grades.

The teaching of art in the elementary grades with practice in adapting art principles, processes and projects to different grade levels; work in curriculum making and in providing art background for room activities; training in lettering, craft techniques, and figure drawing.

Required in the elementary curriculum. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Fall and spring quarters.

226. Life Drawing I.

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Winter quarter.

227. Lettering.

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective. (4 hours.) Permission of instructor.

233. Drawing II.

Free-hand drawing of still life, flowers, landscape, in pen and ink, and pastel.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Spring quarter.

234. Design II.

Applied design developing techniques in crafts such as textile decoration with stencil, batik and silk screen, and wood crafts. Use of substitute materials an important consideration. Relation of crafts to club and summer camp work and to occupational therapy.

Required in the art curriculum. Prerequisite: Art 131. (4 hours.) Fall quarter.

235. Costume Design.

The designing of costumes for various types, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Elective. Recommended in the art and home economics curricula. (4 hours.) Permission of instructor.

236 (138). History and Appreciation I.

A study is made of man's creative efforts in the visual arts, from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesapotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula. Elective in other curricula. (4 hours.) Fall quarter.

237 (236). History and Appreciation II.

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Winter quarter.

238 (237). History and Appreciation III.

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Spring quarter.

239. Modeling and Pottery.

The application of art principles to clay as a medium. The modeling of animals and figures, casting, and various processes of pottery making and finishing. Emphasis on structural and decorative design.

Elective. Recommended in the art and elementary curricula. (4 hours.) Permission of instructor.

340. Methods in High School Art.

Extensive reference work, research, and organization are done, upon which the student builds his own conception of an art program suitable to an average high-school situation. Methods of presentation, adaptation to age levels, selection of problems, and standard achievement are studied.

Required in the art curriculum. (4 hours.) Spring quarter.

344 (144 and 444). Home Planning and Furnishing.

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131. Elective in other curricula. (4 hours.) Winter quarter.

345. Methods in Elementary School Art.

Practice in art processes adapted to different grade levels. Lesson, unit, and curriculum planning. Survey of art needs.

Required in the art curriculum. Should be taken in place of Art 224 by art minors in elementary curriculum. (4 hours.) Fall quarter.

346. Life Drawing II.

Advanced work with costume model with emphasis on composition. Various media are used.

Required in the art curriculum. (4 hours.) Winter quarter.

350. Painting.

Water color, tempera, and oils are used.

Required in the art curriculum. Elective in other curricula. (4 hours.) Spring quarter.

351. Art Backgrounds.

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Recommended in elementary curriculum. Elective in other curricula. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Art.

A minimum of one quarter in the grades and one quarter in high school is required of art majors. One quarter each in the lower and upper grades and one in high school is recommended. Art 345 is prerequisite for teaching in the grades; Art 340 for high school. The first quarter of student teaching should be in the grades.

Required in the art curriculum. (4 hours for each course.) Every quarter.

447. Composition I.

The development of original work in decorative and pictorial design based on previous training in design, free-hand drawing, color, figure construction, and experience with various media.

Required in the art curriculum. (4 hours.) Fall quarter.

448. Composition II.

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum. (4 hours.) Winter quarter.

449. Commercial Design.

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum. (4 hours.) Spring quarter.

453. Psychology of Art.

The psychology of art as developed by research. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Standard and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula. (4 hours.) Winter quarter.

456. Stage Design.

Design and construction of scenery, costumes, lighting, puppetry, and masques.

Elective. Recommended in the art and speech curricula. (4 hours.) Permission of instructor.

458. Art Seminar.

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Elective. (4 hours.) Permission of instructor.

COMMERCE

I. Typewriting

110. Typewriting.

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

(4 hours.) Fall and summer quarters.

111. Typewriting, Continued.

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110 or the equivalent. (4 hours.) Winter and summer quarters.

112. Typewriting, Continued.

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110, 111 or the equivalent. (4 hours.) Spring and summer quarters.

210. Advanced Typewriting.

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. (4 hours.) Fall quarter.

211. Advanced Typewriting, Continued.

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 210 or the equivalent. (4 hours.) Winter and spring quarters.

212. Principles and Problems of Office Practice.

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor. Class limited to twenty-four. (4 hours.) Every quarter.

II. Shorthand

123. Shorthand.

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

(4 hours.) Fall quarter.

124. Shorthand, Continued.

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Commerce 123 or its equivalent. (4 hours.) Winter quarter.

125. Shorthand, Continued.

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Commerce 123, 124 or the equivalent. (4 hours.) Spring quarter.

223. Advanced Shorthand.

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 123, 124, 125 or the equivalent. (4 hours.) Fall quarter.

224. Advanced Shorthand, Continued.

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 223 or the equivalent. (4 hours.) Winter quarter.

225. Secretarial Practice.

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223 and 224. (4 hours.) Spring quarter.

III. Accounting

230. Accounting.

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to

give a thorough drill in the principles of accounting as applied to single proprietorship.

(4 hours.) Fall and summer quarters.

231. Accounting, Continued.

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Commerce 230 or the equivalent. (4 hours.) Winter and summer quarters.

232. Accounting, Continued.

Changing partnership books to corporation books is the work chiefly involved in this course. Emphasis is placed upon the technique of preparing financial and profit and loss statements.

Prerequisite: Commerce 230, 231. (4 hours.) Spring and summer quarters.

330. Cost Accounting.

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232. (4 hours.) Fall quarter.

331. Accounting Tax Procedure.

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Commerce 230, 231, 232. Not open to freshmen. (4 hours.) Winter quarter.

IV. Methods

340T. Methods of Teaching Typewriting and Office Practice.

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course is granted.

(4 hours.) Fall quarter.

340S. Methods of Teaching Gregg Shorthand.

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course is granted.

(4 hours.) Winter and summer quarters.

340B. Methods of Teaching Bookkeeping and Business Arithmetic.

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

(4 hours.) Spring quarter.

340 I. Methods and Materials for Teaching Introduction to Business.

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

(4 hours.) Spring and summer quarters.

441, 442, 443. Supervised Student Teaching in Commerce.

(4 hours for each course.) Every quarter.

V. General Business Courses

140. Business Mathematics.

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

(4 hours.) Fall and winter quarters.

141. Business Correspondence.

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121. (4 hours.) Spring quarter.

444. Foundations in Business Education.

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

Elective. Not open to freshmen or sophomores. (4 hours.) Omitted 1943-44.

445. Problems in Business Education.

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analyses; placement and follow-up of graduates; and vocational information and guidance.

Elective. Not open to freshmen or sophomores. (4 hours.) Omitted 1943-44.

446. Business Law.

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

(4 hours.) Fall quarter.

447. Business Law, Continued.

This course is a continuation of Commerce 446 and considers insurance; bailments; carriers; sales; partnership; corporations; deeds of conveyance; mortgages; landlord and tenant; and business crimes.

(4 hours.) Winter quarter.

448. Salesmanship and Advertising.

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling. Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

(4 hours.) Spring quarter.

VI. Penmanship

120. Penmanship.

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the elementary and commerce curricula. (1 hour.) Every quarter.

121. Manuscript Writing.

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in elementary curriculum. (1 hour.) Summer term.

EDUCATION AND TEACHING

I. Education

226. Rural Curriculum Problems.

A course in which the application of the proposed rural curriculum of the Office of the Superintendent of Public Instruction is considered. The course is conducted on the seminar plan, so that special problems of rural education set up by county superintendents and teachers can be considered. Opportunity is given for directed study of any rural curriculum problem.

Elective in the elementary curriculum. (4 hours.) Summer term.

228. Reading.

This course covers briefly the development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the elementary curriculum. Prerequisite: Three quarters of education. (4 hours.) Winter quarter.

230. An Introduction to Education.

A comprehensive survey of the field of education. Especial attention is given to the development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

Required in all curricula. (4 hours.) Fall and winter quarters.

231. Introduction to Educational Psychology.

This is a beginning course and does not assume previous study of psychology. The major topics dealt with are the methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene, and individual differences.

Required in all curricula. Prerequisite: Education 230. (4 hours.) Winter and spring quarters.

232. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to a study of human growth and development.

Required in all curricula. Prerequisite: Education 230 and 231. (4 hours.) Spring quarter.

313. Rural School Observation.

Observation of a modern one-room school. Enrollment is restricted to juniors, seniors, or teachers actually in service. Students interested in this course should write the college for advance registration.

Elective in the elementary curriculum. (4 hours.) Summer term.

324 (224). Directed Study and Observation of Teaching.

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management, such as establishing classroom routine, maintaining good discipline, teaching pupils to control themselves, providing a favorable physical environment, supervising the physical welfare of pupils, caring for materials and apparatus, keeping records and making reports, encouraging regular and punctual attendance, and directing extra-curricular activities, are taken up. Problems pertaining to instruction, such as planning lessons, directing study, directing the recitation, and evaluating the results of teaching are also considered. Numerous observations in the Training School are an integral part of the course.

Required in the elementary curriculum. Prerequisite: Education 230, 231, 232. (4 hours.) Winter quarter.

325 (225). Primary Education.

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

Required in the elementary curriculum. Prerequisite: Twelve quarter hours in education. (4 hours.) Spring quarter.

343. Principles of Education.

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in all curricula. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

344. Tests and Measurements.

About one-third of the time is devoted to educational statistics, with emphasis upon the applications of the various techniques that are presented. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: Sixteen quarter hours in education. (4 hours.) Every quarter.

345. Directed Study and Observation of Teaching.

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the curricula for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

446. Modern Trends in Education.

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested. Topics such as the following are illustrative of the kind that may be taken up: curriculum building; progressive education; the guidance movement; financing education; academic freedom; educational research in special fields, such as reading, visual education, radio in education.

Elective. Prerequisite: Sixteen quarter hours in education. (4 hours.) Fall and summer quarters.

447. Social Psychology.

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the elementary curriculum. Elective in other curricula. Prerequisite: Sixteen quarter hours in education. (4 hours.) Spring and summer quarters.

448. School Organization and Administration.

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. The first half of the course gives an understanding of the problems of administration to enable all members of an organization to cooperate with those in final administrative authority in the formulation of policies. The second half of the course presents the problems of the elementary and high-school principal in organizing and administering schools.

School law and finance as well as current educational problems receive attention in this course.

Elective. Prerequisite: Sixteen quarter hours in education. (4 hours.) Omitted 1943-44.

450. Special Educational Problems.

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested. Through individual conference with the instructor and research in his own field, the student studies the topics which most vitally concern him in his teaching experience.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor. (4 hours.) Summer term.

451. Abnormal Psychology.

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: Twelve quarter hours in education. (4 hours.) Summer term.

454. Techniques of Guidance.

The course includes analysis of the principles underlying guidance, interpretation of the role of the teacher in the guidance program, and careful study of the techniques of guidance.

Elective. Prerequisite: Education 230, 231, 232, 343, and 344. (4 hours.) Summer term.

455. Mental Hygiene.

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent. (4 hours.) Summer term.

458. History of Industrial Arts and Home Economics in Education.

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted. (4 hours.) Winter quarter.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the director of teacher training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

441, 442, 443. Supervised Student Teaching in the Major or Minor Subjects.

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject and one in a minor subject is recommended. These courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all curricula. (4 hours for each course.) Every quarter.

ENGLISH

NOTE: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

A. Fundamentals of English Composition.

Required in the junior year of those who do not pass the Junior English examination. English 344 may be substituted upon the recommendation of the head of the English department. No credit. Spring quarter.

120, 121. Composition.

A course in the fundamentals of good speaking and writing. Creditable work in English 120, 121 is a prerequisite to teaching in the Training Schools. Upon recommendation of the head of the English department students may earn credit for English 121 when registered for English 120. Such students are counted excused from English 120 and may substitute another course in English for this course.

Required in all curricula. (4 hours for each course.) English 120, fall and winter quarters; English 121, fall, winter, and spring quarters.

121J. Journalism I.

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in *The Teachers College News.*

Prerequisite: English 120. Accepted for English 121. (4 hours.) Winter quarter.

122. Literature in the Grades.

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the elementary curriculum for lower grades. (4 hours.) Spring and summer quarters.

123. Story-Telling.

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124. (4 hours.) Summer term.

124. Methods in Composition and Literature in Upper Grades.

The teaching of composition and literature in the upper grades is covered as fully as time permits, including discussion of materials, purposes, standards, theme-topics, correcting of compositions, literature in the grades, and methods of teaching. This course is especially recommended to students interested in intermediate, upper grade, or junior high school work.

Prerequisite: English 120 and 121. Required in the elementary curriculum for the upper grades unless English 126 is taken. (4 hours.) Spring and summer quarters.

125. Introduction to Literature.

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124 or English 122 may be substituted by these students if they wish to teach at the end of two years. Required in four-year curricula for high school teachers, except the English and commerce curricula. (4 hours.) Winter and spring quarters.

126. Grammar.

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the elementary curriculum for the upper grades unless English 124 is taken; required in the English curriculum. Not accepted for elective credit in other curricula. (4 hours.) Spring quarter.

141. Business Correspondence.

(See description under "Commerce.")

230, 231. Nineteenth Century Prose Fiction.

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

English 230 required in the English curriculum. English 231, elective. Prerequisite: English 230 to English 231. (4 hours for each course.) English 230, fall quarter; English 231, winter quarter. Summer term.

234. American Literature.

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

Required in the English and elementary curricula. (4 hours.) Spring and summer quarters.

235. Greek Drama.

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Elective. Prerequisite: English 120, 121, 125. (4 hours.) Fall and summer quarters.

236. Shakespeare and the Elizabethan Drama.

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required. (4 hours.) Winter and summer quarters.

237. Modern Drama.

The purpose of this course is to familiarize the student with what is best in modern drama.

Elective. (4 hours.) Spring and summer quarters.

239. Dramatics.

A study of the presentation of plays including the reading of contemporary dramas, the production of at least one play, and the dramatization of an episode or a short story. Some instruction in the coaching of plays is given.

Elective. Accepted for English 237. (4 hours.) Summer term.

340. Methods of Teaching English in the High School.

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum. (4 hours.) Spring quarter.

343. Contemporary Literature.

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall and summer quarters.

344. Advanced Rhetoric.

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Prerequisite: Twelve quarter hours of English. Required in the English curriculum. Elective in other curricula. (4 hours.) Winter and summer quarters.

344J. Journalism II.

This course is designed to train students in the effective expression of problems of student life. Opportunity is afforded for original work. The present-day newspaper and its relation to contemporary life are discussed.

Prerequisite: English 121J or the equivalent. (4 hours.) Omitted 1943-44.

345. Public Speaking.

(See description of course under Speech 345.)

346, 347, 348. English Poetry.

Appreciation of the art of poetry, and a study of some of the chief English poets, as they illustrate the art. Beowulf to Chaucer; Milton to Burns; Nineteenth Century Poetry.

Required in the English curriculum. Elective in other curricula. (4 hours for each course.) English 346, fall quarter; English 347, winter quarter; English 348, spring quarter. Summer term.

441, 442, 443. Supervised Student Teaching in English.

(4 hours for each course.) Every quarter.

449. The Essay.

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

450. History of the English Language.

The development of the English language from Anglo-Saxon to the language of today.

Prerequisite: English 126 or its equivalent. Required in the English curriculum. Not open as elective in other curricula except by special permission of the head of the English department. (4 hours.) Winter quarter.

451. History of English Literature.

The development of English literature from Anglo-Saxon times to the present, with a glance at the American branch, drawing together all previous literature courses.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

FOREIGN LANGUAGE

Latin

123. Introductory Latin Reading.

Review of Latin grammar; exercises; practice in sight translation.

Prerequisite: Two years of Latin in high school. No credit toward graduation for less than one year's work. (4 hours.) Fall quarter.

124. Orations of Cicero.

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Prerequisite: Latin 123. (4 hours.) Winter quarter.

125. Vergil's Aeneid.

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Prerequisite: Latin 124. (4 hours.) Spring quarter.

230. Cicero's Essays, Selections from De Amicitia and De Senectute.

Class discussion centers around the philosophical views set forth in these works.

Prerequisite: Four years of Latin in high school or two years of Latin in high school and Latin 123, 124, 125. (4 hours.) Omitted 1943-44.

231. Horace, Selections from the Odes, Satires, and Epistles.

Special attention is paid to the poet's philosophy and to various poetic translations of the works of Horace.

Prerequisite: Latin 230. (4 hours.) Omitted 1943-44.

232. Livy, Selections from Books I, XXI, and XXII.

Sources and authenticity of Livy's history.

Prerequisite: Latin 231. (4 hours.) Omitted 1943-44.

340. Methods of Teaching Latin.

Required. Prerequisite: Three years of college Latin. (4 hours.) Omitted 1943-44.

343. Ovid, Selections from Tristia, Heroides, Amores, Fasti, Metamorphoses.

The life and times of Ovid; Roman and Greek mythology.

Required. (4 hours.) Omitted 1943-44.

344. Latin Composition.

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required. (4 hours.) Omitted 1943-44.

345. Medieval Latin.

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required. (4 hours.) Omitted 1943-44.

346. Caesar's Civil War.

The work of this course is designed to enrich the background of those who will teach Caesar's *Gallic War* in high school.

Prerequisite: Latin 123, 124, and 125, or four years of Latin in high school. Elective. (4 hours.) Fall quarter.

347. Selections from the Letters of Cicero and Pliny.

Prerequisite: Same as for Latin 346. Elective. (4 hours.) Winter quarter.

348. The Germania and Agricola of Tacitus.

Prerequisite: Same as for Latin 346. Elective. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Latin.

(4 hours for each course.) Every quarter.

446. Roman Comedy.

The *Menaechmi* or *Captivi* of Plautus; the *Phormio* or *Andria* of Terence.

Required. (4 hours.) Omitted 1943-44.

447. Selections from Martial and Catullus.

Required. (4 hours.) Omitted 1943-44.

448 (237). Latin Literature in Translation.

A survey of Latin literature in English translations made by noteworthy authors. Lectures supply the background for the masterpieces read. The English department recognizes this as a substitute for English 235 (Greek Drama in Translation) and by special arrangement with the head of the English department for certain other courses. There is no Latin prerequisite.

Required. (4 hours.) Omitted 1943-44.

French

130, 131, 132. First Year French.

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

233, 234, 235. Second Year French.

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Prerequisite: Two years of high-school French or one year of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

343, 344, 345. Third Year French.

Selected dramas of Molière, Beaumarchais, Marivaux, Hugo, and Rostand. Modern poetry. Reading of moderately difficult texts. Frequent reports on suggested topics; weekly reports of outside reading. Oral themes; conversation.

Prerequisite: Two years of college French. Elective. (4 hours for each course.) Omitted 1943-44.

German

230, 231, 232. First Year German.

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

Elective. Not open to freshmen except by special permission. No credit toward graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

333, 334, 335. Second Year German.

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn, Minna von Barnhelm,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

Spanish

130, 131, 132. First Year Spanish.

The fundamentals of grammar; drill in pronunciation; graded readings.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

230, 231, 232. Second Year Spanish.

Review of grammar; exercises in composition; practice in conversation. Readings: *Pata de Zorra* by Hugo Wast; *Easy Spanish Plays,* edited by Cano and Sáenz; *Amalia,* by José Marmol; *El Capitán Veneno,* by Alarcón; *María* by Jorje Isaacs.

Prerequisite: Two years of Spanish in high school or one year in college. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of physical and commercial geography in high school.

120. Principles of Geography.

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography, commerce, and elementary curricula. Elective in other curricula. (4 hours.) Every quarter.

130. Geography of North America.

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required. Prerequisite: Geography 120. Elective in other curricula. (4 hours.) Fall and summer quarters.

221. Climatology.

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography and elementary curricula. Elective in other curricula. (4 hours.) Fall and winter quarters.

231. Geography of South America.

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective in other curricula. (4 hours.) Winter quarter.

233. Physiography.

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required. (4 hours.) Spring and summer quarters.

236. Elements of Geology.

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the geography and elementary curricula. (4 hours.) Spring quarter.

340. Methods and Materials in the Social Studies and Geography in the Secondary School.

The characteristics of the social studies and geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required in the social science and geography curricula. (4 hours.) Spring quarter.

340 G. Methods and Materials in the Social Studies and Geography in the Elementary School.

An appraisal of materials, classroom procedures, and community field-study techniques for using the social studies and geography in teaching in the elementary school.

Elective. (4 hours.) Omitted 1943-44.

343. Geography of Europe.

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective. (4 hours.) Fall and summer quarters.

345. Geography of Asia.

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Prerequisite: Geography 130, 231, 343. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Geography.

(4 hours for each course.) Every quarter.

446. Urban Geography.

A detailed study of the location, growth, decline, and characteristics of cities as influenced by the natural environment.

Prerequisite: Geography 120, 221. (4 hours.) Winter quarter.

447. Economic Geography.

An advanced course for teachers of commercial geography in high school.

No prerequisite. (4 hours.) Winter and spring quarters.

448. The Conservation of Natural Resources.

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

No prerequisite. (4 hours.) Spring quarter.

HOME ECONOMICS

NOTE: 1. The four-year curriculum in home economics (See Curriculum F) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal and State aid under the Vocational Laws, (formerly known as Smith-Hughes). Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 204, 232, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. Costume Selection and Personality.

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Winter and spring quarters.

102. Elementary Nutrition.

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fall quarter.

201. Clothing Construction.

Fundamental principles of clothing construction and renovation.

Required. Prerequisite: Home Economics 101. (4 hours.) Fall and spring quarters.

202. Food Preparation.

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required. Prerequisites: Home Economics 102, Chemistry 130, 131. (4 hours.) Winter and spring quarters.

203. Advanced Food Preparation.

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fall and winter quarters.

204 (301). Meal Planning and Table Service.

Selection, purchase, preparation and service of food, considering dietary standards, food habits and nutritional needs of groups. Preparation and service of food for special occasions is also considered.

Required. Prerequisites: Home Economics 102, 202, 203. (4 hours.) Winter and spring quarters.

232. Textiles.

Study of weaves, yarns, fibers, and finishes with reference to selection of fabrics for clothing and the house.

Required. Prerequisites: Home Economics 101, 201. (4 hours.) Fall and winter quarters.

245. (446 b). Household Management.

The principles of scientific management as applied to the home; includes a study of family finance, household buying, equipment, time and energy, and housing problems.

Required. Elective in other curricula. (2 hours.) Spring quarter.

246. (446 a). Home Nursing.

A study of the factors which determine personal health and the intelligent management of illnesses in the home.

Required. Elective in other curricula. (2 hours.) Spring quarter.

304. Advanced Clothing.

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required. Prerequisites: Home Economics 101, 201, 232. (4 hours.) Winter quarter.

340. Methods of Teaching Home Economics.

The organization of home economics in schools with a study of philosophy, objectives, curricula, course of study, content, methods of instruction, and measurements.

Required in the home economics curriculum. (4 hours.) Spring quarter.

344. Nutrition and Dietetics.

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required. Prerequisites: Home Economics 102; Chemistry 210, 211, 212; Botany 235. (4 hours.) Spring quarter.

345. Home Management House.

Experience in the practical application of the principles of household management is offered through a twelve weeks' residence period in the Home Management House.

Required in the junior year of the home economics curriculum. Prerequisites: Home Economics 245 and 301. (4 hours.) Every quarter.

346. Child Development.

A study of factors involved in the physical, mental, social and emotional development of children.

Required. (4 hours.) Fall quarter.

347 (247). Family Relationships.

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required. Elective in other curricula. (4 hours.) Fall quarter.

350. Consumers' Education.

A study of the consumers' problems in the present-day markets; factors influencing consumers' demands; standardization and informative labeling.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in Homemaking Subjects.

Required. (4 hours for each course.) Every quarter.

INDUSTRIAL ARTS

134. Bench Woodwork.

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of woodfinishing. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Winter and summer quarters.

135. Intermediate Woodwork.

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A thorough study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 134. (4 hours.) Spring quarter.

136 (135). General Metal.

In this course manipulative skill is developed in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, hammering, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered in this course. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Fall and summer quarters.

150. Applied Electricity.

This course attempts to meet consumer's needs regarding electricity. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, and the repairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Spring quarter.

224. Primary Grade Handwork.

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the elementary curriculum. (4 hours). Fall and summer quarters.

225. Intermediate Grade Handwork.

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the elementary curriculum. (4 hours.) Winter and summer quarters.

226. Sheet Metal.

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Spring and summer quarters.

230. Woodwork for Women.

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Elective. (4 hours.) Summer term.

231. Mechanical Drawing I.

This course includes instruction in instrumental practice, lettering, make-up of titles, geometrical construction, techniques of drafting, orthographic projection, including auxiliary and sectional views, the development of surfaces, and pictorial representations. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Winter quarter.

232. Mechanical Drawing II.

This course is a continuation of Industrial Arts 231 and includes treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. The analysis of projects and shop sketching receive special attention. Complete drawings of machines are made. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 231. (4 hours.) Spring quarter.

259. Printing I.

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required. (4 hours.) Fall and summer quarters.

260. Printing II.

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 259. (4 hours.) Winter and summer quarters.

275. Woodturning.

In this course a study is made of the operation and care and repair of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 134 or shop work approved by instructor. (2 hours.) Omitted 1943-44.

336. Millwork.

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. Two class discussions and 6 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 135. (4 hours.) Winter quarter.

340. Methods of Teaching Industrial Arts.

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required. Prerequisite: Industrial Arts 134, 136, and 231. (4 hours.) Spring quarter.

345. Industrial Arts Design.

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134, 136, and 232. (2 hours.) Fall quarter.

350. Housing I.

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation, insulation, and a study of principles of construction. A modern house is planned and working drawings are begun. Two class discussions and 6 hours laboratory work each week.

Required. (4 hours.) Omitted 1943-44.

352. Machine Metal Work I.

This course presents the basic principles of machine work as applied to the engine lathe. The operation, adjustment, care and repair of the lathe is covered. Two class discussions and six hours of laboratory work each week.

Required. (4 hours.) Omitted 1943-44.

354. Machine Metal Work II.

This course covers additional fundamental principles of machine work with applied laboratory work on the drill press, milling machine, and shaper. The care and repair of these machines is included. Two class discussions and six hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 352. (4 hours.) Omitted 1943-44.

355. Housing II.

This course is a continuation of Industrial Arts 350. The study of principles of construction is continued, and a study of the legal phases of building, such as permits, specifications, contracts, and mechanic's liens is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 350. (4 hours.) Omitted 1943-44.

356. Machine Metal Work III.

In this course the student is required to undertake the construction of a major piece of work as a drill press, shaper, saw, or jointer. The student chooses his problem with the approval of the instructor. Eight hours of laboratory work each week.

Elective. Prerequisite: Industrial Arts 354. (4 hours.) Omitted 1943-44.

361. Linotype Operation and Maintenance.

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine. Four hours of classwork and 4 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 260. (4 hours.) Spring quarter.

363. Traffic Efficiency and Automobile Driving.

Owing to the increased use of the automobile and the great number of automobile accidents, instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts; accidents, their cause and prevention; driving regulations; the art of driving; inspection and maintenance of the automobile; and points to consider in the purchase of an automobile. Individual driving lessons are given.

Required. (4 hours.) Omitted 1943-44.

365. Woodfinishing.

This is a special course in woodfinishing. The course includes preparation of wood, staining, varnishing, painting, fuming, lacquering, and polychroming.

Required. Prerequisite: Shop work approved by instructor. (2 hours.) Fall quarter.

380. Concrete Work.

This course involves a study of concrete and its uses. Skill is developed in the handling of tools used in concrete work.

Elective. (2 hours.) Omitted 1943-44.

437. Machine Woodwork.

This is a course involving furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

Elective. Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Industrial Arts.

The student spends one hour each day in observing and participating in teaching. Another hour each day is spent in conferences, preparing teaching plans, and studying other pertinent data. Two of the three quarters of teaching are spent in industrial arts subjects and the third quarter is done in the minor field.

(4 hours for each course.) Every quarter.

444. Saw Fitting.

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Elective. Prerequisite: Industrial Arts 134 and 336. (2 hours.) Omitted 1943-44.

451. Organization of Subject Matter.

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Elective. Prerequisite: Industrial Arts 340. (2 hours.) Any quarter.

457. General Shop. (Farm Mechanics.)

In this course considerable latitude is allowed the student for the designing and constructing of a special project of his choice. 8 hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Elective. Prerequisite: Industrial Arts 136, 226, 232, 352, and 354. (4 hours.) Summer term.

460. Gas and Electric Arc Welding.

This course is devoted to a study of the technical materials in welding and the development of skill in welding with gas, with direct current electricity, and with alternating current electricity. One class discussion per week and seven hours of drill work.

Elective. (4 hours.) Omitted 1943-44.

THE USE OF THE LIBRARY

Certain courses offered in the College require considerable work in the library, including reading, and looking up references, and assigned topics. To do this work with the wisest expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some common reference books. Lessons, required of all students, are given in the freshman year of all curricula. An effort is made to have these lessons prepare for library work required of students in other courses.

120. The Use of the Library.

Freshmen who have completed Library XI in the Teachers College High School are excused from all but the last four lessons of Library 120. They should register for Library 120 (XI), given in the first four weeks of the winter quarter.

Required in all curricula. (1 hour.) Every quarter.

220. School Libraries.

The techniques for planning and organizing a library.

Elective in all curricula. Recommended for rural teachers and for teacher-librarians in other schools. Prerequisite: Library 120. Desirable that students also have English 123. Not open to freshmen. (4 hours.) Summer term.

MATHEMATICS

120. The Science, Psychology, and Teaching of Number.

This course deals with the science, psychology, and teaching of number and its processes and applications. Special attention is given to the subject matter and the technique of teaching mathematics in the first six grades.

Required in the mathematics and elementary curricula. Does not count toward graduation in other curricula. (4 hours.) Fall, winter, and summer quarters.

121. Mathematics in the Upper Grades.

The primary object of this course is to prepare teachers of mathematics for the upper grades of the elementary school. The subject matter of those grades is discussed from the standpoint of the psychological and scientific development and of its use. In presenting this subject matter, methods of teaching are used that can be readily adapted to the upper grades.

Required in the elementary curriculum. Does not count toward graduation in other curricula. (4 hours.) Winter, spring, and summer quarters.

130. Algebra and Trigonometry.

Three hours a week are devoted to college algebra and one hour to trigonometry. Review of elementary reductions, graphs, the function idea, linear and quadratic equations, systems of equation, second and third order determinants, exponents, logarithms. Topics from trigonometry include solution of right triangles and oblique triangles, and elementary relations among the trigonometric functions.

Required. Prerequisite: One year or more of high school algebra. (4 hours.) Fall quarter.

131. Algebra and Trigonometry.

A continuation of Mathematics 130. The binomial theorem, progressions, inequalities, complex numbers, compound interest and annuities, permutations and combinations, probability, elementary theory of equations. Topics from trigonometry to include identities, trigonometric equations, inverse functions, radian measure, De Moivre's Theorem.

Required. Prerequisite: Mathematics 130. (4 hours.) Winter quarter.

132. Solid Geometry.

This is a course in Euclidian solid geometry.

Required of majors and minors in mathematics who have not had solid geometry in high school. Prerequisite: Plane geometry. (4 hours.) Fall quarter.

133. Field Work.

A course in elementary applications of mathematics. Theory and use of the slide rule, construction of computation charts, use of the steel tape, construction and use of the angle mirror, hypsometer, clinometer, use of sextant and transit, elementary problems in surveying, construction and use of a plane table, determination of a meridian. The object of the course is to show the possibilities for enriching high-school mathematics courses.

Required. Prerequisite: Mathematics 130 or high school trigonometry. (4 hours.) Spring quarter.

134. Analytic Geometry.

The geometry of the straight line, circle, parabola, ellipse, and hyperbola. Parametric equations.

Required. Prerequisite: Mathematics 130. (4 hours.) Spring quarter.

228. College Geometry.

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required. Prerequisite: Mathematics 131 and 134. (4 hours.) Spring quarter.

235. Calculus.

Introduction to the Differential Calculus.

Required. Prerequisite: Mathematics 134. (4 hours.) Fall quarter.

236. Calculus.

Introduction to the Integral Calculus.

Required. Prerequisite: Mathematics 235. (4 hours.) Winter quarter.

340. Methods of Teaching High-School Mathematics.

Required. (4 hours.) Spring quarter.

343. Algebra.

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required. Prerequisite: Mathematics 235. (4 hours.) Fall quarter.

344. Analytic Geometry.

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required. Prerequisite: Mathematics 343 or its equivalent. (4 hours.) Winter quarter.

345. Calculus.

An extension of Mathematics 235 and 236.

Required. Prerequisite: Mathematics 236. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in High-School Mathematics.

(4 hours for each course.) Every quarter.

446, 447, 448. Differential Equations; Advanced Calculus.

I. Differential Equations. An introduction to the study of ordinary and partial differential equations with applications to geometry and mechanics. First half year.

II. Advanced Calculus. Second half year.

Prerequisite: Mathematics 235, 236, 345. (4 hours for each course.) Omitted 1943-44.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on pp. 60 and 61.

In order to meet the needs of the music teacher the following outline of applied music is required. It may be noted that the minimum requirements for all majors are two years of piano and one or two years of voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	12 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	3 quar. hours.

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* Instrumental class hours excused may be added.

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice.

133, 134, 135. The first year's work in Piano, Voice, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or French Horn.
(1 hour for each course.) Every quarter.

233, 234, 235. The second year's work in applied music subjects.
(1 hour for each course.) Every quarter.

333, 334, 335. The third year's work in applied music subjects.
(1 hour for each course.) Every quarter.

433, 434. The tenth and eleventh quarter's work in applied music subjects.
(1 hour for each course.) Every quarter.

435. Senior Recital. Twelfth quarter's work in applied music subjects.
(1 hour.) Spring quarter.

II. Class Methods of Instruction

26, 127, 128. Class Instruction in Piano.

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in

applied music. Stress is placed on the development of ability to play simple melodies and accompaniments, including sight-reading.

(1 hour for each course.) Fall, winter, and spring quarters.

136, 137, 138. Class Instruction in Voice.

This course is for students who enroll in first year voice. The course is designed to help the student secure a background of fundamental vocal techniques.

(1 hour for each course.) Fall, winter, and spring quarters.

Instrumental Class Methods.

The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed. Students in other curricula than music may elect the following courses:

146, 147 (236, 237). Violin Class Methods.

(2 hours for each course.) Fall and winter quarters.

236 (336). Woodwind Class Methods—Clarinets.

(2 hours.) Fall quarter.

237 (337). Brass Class Methods—Trumpet and Horn.

(2 hours.) Winter quarter.

238. Violoncello and Contra-bass Class Methods.

(2 hours.) Spring quarter.

337 (339). Brass and Percussion Methods—Trombone, Baritone, Tuba and Drums.

(2 hours.) Spring quarter.

356 (338). Woodwind Class Methods—Flute, Oboe, and Bassoon.

(2 hours.) Fall quarter.

III. Theory and History of Music

123, 124, 125. Sight-Singing and Ear-Training.

Development of skills in sight-reading through a study of materials of the elementary school and the high school. Includes worl in oral and written tonal dictation leading to a sense of tonality an comprehension of the musical vocabulary.

(2 hours for each course.) Fall, winter, and spring quarters.

229. Music Appreciation.

An enriching cultural course open to all college non-music student A study is made of various types and forms of music as a means increasing the student's enjoyment in listening to music. Man

favorite selections from the great music literature are made familiar through hearing and analysis.

(4 hours.) Winter and spring quarters.

230, 231, 232. Harmony.

A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Prerequisite: Music 125. (4 hours for each course.) Fall, winter, and spring quarters.

347. Orchestration.

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups is required.

Prerequisite: Music 232. (2 hours.) Spring quarter.

351, 352. History and Appreciation of Music.

The first course emphasizes the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The second quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

(4 hours for each course.) Fall and winter quarters.

449 (338). Elementary Choral Conducting.

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

(2 hours.) Fall quarter.

450. Advanced Conducting.

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Prerequisite: Music 449. (2 hours.) Winter quarter.

IV. Music Education

120. Introduction to Music.

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the elementary curriculum. (4 hours.) Fall and spring quarters.

227. Music in Rural Schools.

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Characteristics of the child voice through the elementary school period; the off-tune singer. The Iowa Phonograph-Choir Plan. Rhythmic development of children; eurhythmics; singing games; rhythm bands. Part-singing. Development of music reading ability. The program of appreciation through listening experiences. Problems of supervision.

(2 hours.) Summer term.

228. Music in Elementary Schools.

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

Required in the music and elementary curricula. Prerequisite in the elementary curriculum: Music 120. (4 hours.) Spring quarter.

340. Methods of Teaching Music in High Schools.

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

Required. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Music.

Supervised experience in teaching the various activities of th vocal and instrumental music program in the campus elementary an secondary schools.

(4 hours for each course.) Fall, winter, and spring quarters.

451. Music Supervision.

A brief survey of the development of public school music in th United States and of the reconstruction taking place in the presen school music curriculum. Criteria are given for evaluating music in struction, and methods of improving the music teaching of grad rural, and high school teachers. The problems of supervision ar surveyed.

Prerequisite: Music 228 and at least one quarter of music teac ing. (2 hours.) Omitted 1943-44.

452. Psychology of Music.

A study of psychological concepts of musical factors; the develo ment of musical feeling; analysis of musical talent; testing and gui ance programs; analysis of factors in musical performance; timbr characteristics of the musical instruments.

Open to seniors or others by permission of instructor. (4 hours Omitted 1943-44.

V. Music Organizations

A music major, upon completing 12 quarter hours in the Department of Music, may register for credit in the principal organizations (Choir, Band, Orchestra). One hour of credit is granted for one year's continuous work in each organization. A total of *nine* hours may thus be earned toward the department requirements for a major in music. A music minor may register for a total of *four* hours.

College A Cappella Choir (Choir Ensemble 256, 356, 456).

The choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly.

Symphonic Band (Band Ensemble 256, 356, 456).

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Three rehearsals are held each week.

Orchestra (Orchestra Ensemble 256, 356, 456).

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week.

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week.

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsals each week.

Recitals.

Each student is required to play or sing a suitable piece at least two times during the year on a student recital program. Valuable experience is thus gained through public performance. Attendance by all music minors and majors is required for these recitals as well as other music events sponsored by the Department of Music. The Head of the Department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week for two years, is required of all men.* Students must take this work in the freshman and sophomore years. The courses consist in elementary work in the following activities:

Gymnastics	Basketball
Tumbling	Volleyball
Apparatus work	Golf
Softball	Tennis

The required work in Physical Education is also offered in the summer term.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. The Health Service Department follows up all cases in need of medical attention.

Equipment. Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition. The college furnishes the student, upon the deposit of 75 cents, a locker and towels.

Professional Courses

120. Sport Technique in Tennis, Golf, Archery, and Badminton.

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports

Required. (4 hours.) Fall quarter.

121. Elementary Gymnastics.

This course includes the theory and practice of gymnastics tumbling stunts, calisthenics, and marching. Methods of teaching thes activities, care of apparatus, mats, and technique of spotting.

Required. (4 hours.) Winter quarter.

122 (121). Outdoor Recreational Sports.

The rules, technique, and strategy are studied and practiced i soccer, touch football, volleyball, and softball; also teaching and a preciation of these sports.

Required. (4 hours.) Spring quarter.

226. Physical Education Activities for Elementary, Junior, and Senio High Schools.

This course includes the study and practice of the physical educ tion activities for the different age levels; including the organizatio management, and methods in the leadership of the various activities.

Required. (4 hours.) Winter quarter.

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* For the duration of the war, this requirement is extended to eve quarter of residence.

227. Physical Education and Health Education in Elementary, Junior, and Senior High Schools.

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students; evaluation of various methods and procedures; also the relationship of activities to the health program.

Required. (4 hours.) Spring quarter.

340. Methods and Materials for Teaching Physical Education.

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required. (4 hours.) Spring quarter.

344. Kinesiology.

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Anatomy 225. (4 hours.) Fall quarter.

347. Basketball Coaching.

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required. (4 hours.) Fall quarter.

348. Football Coaching.

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required. (4 hours.) Winter quarter.

349. Track and Field Coaching.

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required. (4 hours.) Spring quarter.

350. Baseball Coaching.

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Physical Education in the High School and Elementary School.

(4 hours for each course.) Every quarter.

451. Principles of Physical Education.

A review of the historic background of physical education is given to trace the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relation of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives in physical education are considered.

Elective. (4 hours.) Fall quarter.

452. Physical Education Administration and Supervision.

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications; the planning of courses of study; the construction, equipment, and upkeep of gymnasia and playfields; records, interschool relations, and the intramural program.

Elective. (4 hours.) Winter quarter.

453. Advanced Gymnastics.

This course is designed for those who wish to take advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, use of the lunging belt and safety devices; organization for public demonstrations.

Elective. (4 hours.) Spring quarter.

PHYSICAL EDUCATION FOR WOMEN

Physical education, two hours a week for two years, is required o students registered in the high school curricula. Two hours a weel for three years is required of those registered in the elementary curriculum.

At the beginning of each year a thorough physical examinatio is given to all students. The examining physician notes all defects abnormalities, and weaknesses and prescribes exercise to fit the need of the individual. The health service follows up all cases in need o medical attention.

Regulation costumes are required. The gymnasium suit shoul not be purchased until notified by the instructor.

Required Courses

101. Hockey.

(1 hour.) Fall quarter.

102. Soccer.

(1 hour.) Fall quarter.

103. Tennis.

(1 hour.) Fall, spring, and summer quarters.

104. Archery.

(1 hour.) Fall, spring, and summer quarters.

105. Golf.

(1 hour.) Spring and summer quarters.

106. Softball.
(1 hour.) Spring quarter.

107. Basketball and Volleyball.
(1 hour.) Winter quarter.

108. Rhythm Analysis.
An understanding of the fundamentals of rhythm as applied to bodily movement. An opportunity for expression and satisfaction of bodily movement through rhythmical activities including folk dancing and social dancing.
(1 hour.) Winter quarter.

209. Tap Dancing.
An analysis of the fundamental tap steps, application of these into tap routines, and finally actual learning of tap dances.
(1 hour.) Winter quarter.

210. Introduction to the Modern Dance.
Analysis of fundamental movements of rhythmic activities used in sports as well as dancing. Originating dance patterns to music and encouraging creative expression of the individual and group.
(1 hour.) Winter quarter.

315. Outdoor Games for Elementary Grades.
This course is required of all juniors in the elementary curriculum. The purpose is to give instruction in the choice, use, and presentation of outdoor games used in the elementary school and an opportunity to teach the same.
(1 hour.) Fall and summer quarters.

316. Rhythms for Elementary Grades.
This course is required of all juniors in the elementary curriculum. The purpose of the course is to give instruction in the choice, use, and presentation of folk dances, and rhythmic activities used in the elementary grades, and to provide an opportunity to teach the same.
(1 hour.) Winter and summer quarters.

317. Indoor and Recreational Games for Elementary Grades.
This course is required of all juniors in the elementary curriculum. The purpose is to give instruction in the choice, use, and presentation of indoor games which can be used in classroom or gymnasium and recreational games used in the elementary grades, and to provide an opportunity to teach the same.
(1 hour.) Spring and summer quarters.

Requirements for a Minor in Physical Education for Women

Note 1: Required courses are: Anatomy 225, Physical Education 346, Physical Education 451. Three other courses to be chosen from Physical Education 231, 343, 344, 450, 454. (Anatomy 225 should precede all other courses, and Physical Education 451 should be the last course taken. Other courses may be taken in any order.)

Note 2: Students taking a minor in physical education are required to participate in the activities of the Women's Athletic Association each year of residence.

220. Leadership in Physical Fitness.

A course to prepare high-school teachers to teach the physical fitness program for boys and girls sponsored by the army and navy.

Elective in all curricula. (4 hours.) Summer term.

225. Anatomy. (See course description under Zoology.)

231. Methods of Teaching Games in Elementary School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the elementary school.

(4 hours.) Fall, spring, and summer quarters.

238. Materials and Methods of Teaching Rhythmic Activities.

The presentation of a wide range of activities beginning with fundamental play rhythms, and dramatic games for the first grade up through folk, tap and interpretative dancing for junior high school with emphasis upon the grade level to meet the needs of the class. A study of types of music directly related to movement and the use of piano, victrola, and drums. The aim is to help the teacher relate rhythms and music to other subjects of the curriculum. Practice one hour each day, lecture one hour.

(4 hours.) Summer term.

343. Technique of Baseball and Tennis.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Spring quarter.

344. Leadership in Recreation.

This course is planned for the purpose of training leaders in the recreation field. Objectives, methods, and content are discussed, observed, and practiced. The theory of leadership, recreational activities, organization of girls' clubs, the conduct of parties, community recreation, playground supervision, and hobbies are studied.

(4 hours.) Fall and summer quarters.

346. Dance in Education.

Fundamentals in rhythm analysis as applied to the teaching of rhythm in the physical education program. This course includes the analysis of dance steps, the fundamentals of rhythmical knowledge as applied to bodily movement, and methods in teaching.

Required. Prerequisite: Physical Education 108. (4 hours.) Winter quarter.

347. Health Activity Projects for the Elementary Grades.

Ways and means to utilize the factors of environment and ordinary classroom procedures to build wholesome attitudes and habits for healthful living; health activity projects growing out of the work in other subjects.

Open to men and women. (4 hours.) Summer term.

450. Technique of Basketball and Volley Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Winter quarter.

451. Principles of Physical Education.

The relation of physical education to general education; the guiding principles upon which the program of physical education is based. The student groups set up definite situations for which they build physical education curricula for elementary and secondary schools.

Required. (4 hours.) Spring and summer quarters.

454. Technique of Archery, Soccer, Field Ball, and Speed Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of rules preparatory to teaching them.

(4 hours.) Fall quarter.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. Personal and Community Hygiene.

This course is largely personal hygiene, and stresses nutrition, digestion, dental hygiene, circulation, respiration, excretion, and endocrine glands.

It gives brief attention to the broad scope of public or community health, and consideration of the principles of bacteriology and immunology, and the discussion of a few important communicable diseases.

Required in all curricula. (4 hours.) Every quarter.

345. Physiology.

A study of the basic physiological principles is followed by experimental studies of muscle nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Anatomy 225. Elective in other curricula. (4 hours.) Omitted 1943-44.

346. Physiology.

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345. (4 hours.) Omitted 1943-44.

II. Botany

Botany 120, 121, 122 is planned to be both a general cultural course and an introduction to further study of the biological sciences. It may be used to satisfy the core curriculum requirement of one year of a laboratory science.

120. General Botany.

A course designed to give the student a knowledge of the fundamental physiological processes concerned in the growth of plants, and of the external and internal structures which are concerned in these processes in leaves, stems, and roots. It includes also the effects of environment on these processes and structures and the practical application of the knowledge acquired for use in everyday life.

(4 hours.) Every quarter.

121. General Botany.

A study of the reproduction of flowering plants, the development of fruit and seeds from the parts of the flower, the mechanism of heredity, and a brief study of the great groups of plants. This is fundamental for the understanding of heredity, hybridization, and new varieties of all living things.

Required. Prerequisite: Botany 120. (4 hours.) Winter and summer quarters.

122. General Local Flora and Plant Ecology.

An introduction to the geographic and physiographic ecology of North America. The identification of trees in winter and summer condition, of the common fresh water algae, liverworts, mosses and ferns, and of flowering plants as the season advances; and a study of structures which is necessary for the recognition of these forms. The course is designed especially for those who expect to teach biological science in secondary schools, but it is also helpful to all who desire the ability to recognize plants out of doors.

Required. Prerequisite: Botany 120, 121, or permission of the instructor. (4 hours.) Spring and summer quarters.

230. The Morphology of Green Plants.

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups. The course consists mostly of laboratory work.

Required. Prerequisite: Botany 120, 121. (4 hours.) Fall quarter.

231. Introduction to Fungi and Plant Diseases.

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required. Prerequisite: Botany 120, 121. (4 hours.) Winter quarter.

232. Economic Botany.

The relation of vegetation centers to crop centers; the effect of environment factors on the production of carbohydrates, fats, fibers, and other plant products; the value of micro-organisms in the important economic practices carried on by their use; the control of the life processes of plants with special reference to the cultural practices in the art of agriculture and in industry. This is not a laboratory course, but some field trips are required.

Required. Prerequisite: Botany 120, 121. (4 hours.) Spring quarter.

235. Microbiology.

A study of the occurrence, numbers, and distribution of the bacteria and other fungi; the culture and isolation of bacteria and other fungi; the microbiology of foods, water, and sewage; the economic uses of the activity of micro-organisms.

Prerequisite: Botany 120 and two quarters of chemistry. Required of home economics majors and elective in other curricula. Recommended for a botany minor. (4 hours.) Every quarter.

340. Methods of Teaching Botany.

The course includes methods of teaching high-school botany and also the collection and preparation of material for demonstration and laboratory in high-school botany.

Required. (4 hours.) Spring quarter.

343. Microtechnic.

A course designed for the purpose of giving the student a knowledge of the preparation of botanical material for class use and for the making of microscopic slides. It is desirable that students in this course shall have had a year of chemistry.

Required. Prerequisite: Botany 120, 121, 122, and 230, or the equivalent. (4 hours.) Winter quarter.

344. Experimental Plant Physiology.

A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth of plants.

Required. Prerequisite: One year of chemistry and Botany 120, 121. (4 hours.) Fall quarter.

345. Advanced Botany.

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Elective. Prerequisite: Five quarters of botany and the instructor's permission. (4 hours.) Any quarter.

346 (446). Plant Anatomy and Wood Identification.

A critical study of the development of the tissues of the leaves, stems, and roots of the seed plants; their common ecological variations and hereditary types. A study is made of the structure of the wood of trees with special reference to the anatomy necessary for wood identification.

Required. Prerequisite: Botany 120, 121, 122. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Botany.

(4 hours for each course.) Every quarter.

III. Zoology

Zoology 120, 121, 122 is planned to be both a general cultural course and an introduction to further study of the biological sciences. It may be used to satisfy the core curriculum requirement of one year of a laboratory science.

120. Animal Biology.

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Required. (4 hours.) Fall and summer quarters.

121. Animal Biology.

This course is concerned with the various types of reproduction in animals and with genetics and eugenics.

Required. Prerequisite: Zoology 120 or equivalent. (4 hours.) Winter and alternate summer quarters.

122. Animal Biology.

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, and evolution are considered. Students enrolled in this course must either buy or rent a set of dissecting instruments.

Required. (4 hours.) Spring and summer quarters.

124. Nature Study.

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter of the course. Much of the work is done in the field.

Elective in the elementary curriculum. (4 hours.) Summer term.

125. Nature Study.

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

Elective in the elementary curriculum. (4 hours.) Summer term.

224. Anatomy and First Aid.

This is a non-laboratory course in gross anatomy and first aid, for teachers in service.

The first part of approximately five lessons takes up the gross structure of the skeletal, muscular, circulatory, respiratory, and digestive systems, using charts, bones, models, individual paper manikins, assignments, and reports. Part two, lessons six through sixteen, is a regular American Red Cross Standard Course in First Aid. Students whose work meets Red Cross requirements and who have not had more than one absence in the final eleven meetings will receive from the Red Cross a Standard First Aid Card.

Elective in any curriculum. (4 hours.) Offered only in extension.

225. Anatomy.

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula. (4 hours.) Fall quarter.

230, 231, 232. Vertebrate Zoology.

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology, 232, with birds and mammals.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Omitted 1943-44.

340. Methods of Teaching Zoology.

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required. (4 hours.) Spring quarter.

343, 344, 345. Advanced Zoology.

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied. It prepares for teaching biological science in the upper grades or high school.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

441, 442, 443. Supervised Student Teaching in Zoology.

(4 hours for each course.) Every quarter.

446. Microtechnic.

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Any quarter.

447. Animal Behavior.

Theoretical and experimental studies of the reactions of animals to various stimuli.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1943-44.

448. Animal Ecology.

A study of various animal associations and the effects of environmental conditions.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Winter quarter.

449. Special Problems in Zoology.

Students who have had three years' work in zoology may elect this course. With the consent of the instructor a problem which is of interest to the student is selected to give training in original work in the field of zoology. Weekly conferences with the instructor guide the student and a written report of the work is required at the end of the quarter.

Elective. Prerequisite: Three years of work in zoology. (4 hours.) Any quarter, with the permission of the instructor.

IV. Biology

Biology 126, 127, 128 is a unified course in biological science designed for students who wish to make a general survey of the field and who do not intend to take further work in either botany or zoology. It may be used to satisfy the core curriculum requirement of one year of a laboratory science.

126, 127, 128. General Biological Science.

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the elementary curriculum. Elective as a year of laboratory science in any other curriculum. Does not count as a part of a minor in botany or zoology. (4 hours for each course.) Fall, winter, and spring quarters.

129. Elementary Science.

This course is planned to serve two main purposes: (1) to acquaint the teacher with content suitable for an elementary science course, (2) to acquaint the teacher with the technique of the unit method which is recommended in bulletins on the elementary curriculum issued recently by the Illinois State Department of Instruction. The class is given the opportunity of observing the work of the sixth grade in elementary science which is taught by the unit method. The course is conducted by a member of the science department and a critic from the Training School. Serious consideration is given to the matter of handling units in science with equipment which is available in the typical elementary school.

Elective. (4 hours.) Summer term.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132 or 150, 151, 152). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450 (one quarter), unless Chemistry 446, 447, 448 is elected, is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

Chemistry 130, 131, 132 is planned to be both a general cultural course and an introduction to further study of chemistry. It may be used to satisfy the core curriculum requirement of one year of a laboratory science.

Those who offer a year course in high school chemistry on entrance should take the placement examination and if successful should register in Chemistry 150, 151, and 152 in place of Chemistry 130, 131, and 132.

130, 131, 132. Elementary Chemistry.

An introduction to the basic ideas and principles of the science. Fundamentals such as atomic structure, molecular combination, periodic table, oxidation and reduction, ionization, and equilibria are used to develop an understanding of chemistry. The common non-metals and metals and the simpler organic compounds are studied. The work on the metals is supplemented by an introduction to qualitative analysis during the spring quarter.

Open to students who have had no high-school chemistry. (4 hours for each course.) Chemistry 130, fall and winter quarters; Chemistry 131, winter and spring quarters; Chemistry 132, spring quarter.

150, 151, 152. General Chemistry.

A survey of the field of chemistry covering the same general material as in Chemistry 130, 131, and 132 but in greater detail. Greater stress is laid on the applications of chemistry to present-day life, and more time is devoted to organic chemistry than is possible in the other courses.

Prerequisite: Completion of a satisfactory course in high school chemistry and the passing of a placement test. (4 hours for each course.) Omitted 1943-44.

210, 211a. Organic Chemistry for Home Economics Majors.

A short course in organic chemistry covering the basic principles and the more important compounds. Introductory to biochemistry.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131. (6 hours.) Fall and winter quarters.

211b, 212. Biochemistry.

The organic chemistry and biochemistry of foods, digestion, and other phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210 and 211a or 343 and 344. (6 hours.) Winter and spring quarters.

233. Qualitative Analysis.

The chemistry of the metals and the principles involved in their separation and determination. Semi-micro methods are used.

Required. Prerequisite: Chemistry 130, 131, 132, and Physics 130 or Physics 130 may be taken concurrently. (4 hours.) Fall quarter.

234a. Qualitative Analysis.

A continuation of Chemistry 233. Anion analysis.

Required. (2 hours.) Winter quarter.

234b. Quantitative Analysis.

Calibration of apparatus and an introduction to volumetric analysis.

Required. Prerequisite: Chemistry 233. (2 hours.) Winter quarter.

235. Quantitative Analysis.

Continuation of Chemistry 234b and gravimetric analysis.

Required. Prerequisite: Chemistry 234. (4 hours.) Spring quarter.

300. Photography.

The general theory and use of the camera and its various parts, the emulsion, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition, etc., are studied. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera. (4 hours.) Fall quarter.

301. Advanced Photography.

A more advanced treatment is given of many of the following topics: emulsion types with respect to their special characteristics and uses, sensitometry and the determination of H. and D. curves, developer characteristics and their effects, intensification and reduction, filters, special sensitivity, lighting, press and flash photography, fundamentals of aerial mapping, film slides, toning, modern color photography.

Elective. Prerequisite: Chemistry 300. (4 hours.) Omitted 1943-44.

310. Modern Chemistry and Its Application to National Defense.

A course designed to acquaint the student with the part played by chemistry in the present world conflict. Topics surveyed include the preparation and properties of explosives, strategic metals, plastics, synthetic rubbers, etc.

Prerequisite: One year of college chemistry. (4 hours.) Omitted 1943-44.

340. Methods of Teaching Chemistry.

Required. (4 hours.) Spring quarter.

343, 344, 345. Organic Chemistry.

A study of the aliphatic and aromatic series and the principles of organic chemistry.

Required. Prerequisite: Chemistry 130, 131, 132. (4 hours for each course.) Fall, winter, and spring quarters.

360. Colloids.

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry.

Elective. Prerequisite: Two years of college chemistry, part of which should include organic chemistry. (4 hours.) Omitted 1943-44.

441, 442, 443. Supervised Student Teaching in Chemistry.

(4 hours for each course.) Every quarter.

446, 447, 448. Physical Chemistry.

A study of fundamental physical properties governing chemical reactions.

Elective. Prerequisites: Chemistry 233, 234, 235; Physics 130, 131, 132; Mathematics 235 and 236. (Mathematics 345 and Chemistry 343, 44, 345 are desirable.) (4 hours for each course.) Fall, winter, and pring quarters.

50, 451, 452. Advanced Chemistry.

Laboratory technique, maintenance and repair of apparatus such s that found in the average high-school laboratory, and use of the iterature of chemistry are developed in the student by means of a imple research problem. The student is expected to choose the type f work in which he is most interested after consulting with the head f the department. One quarter's work is required of all chemistry ajors.

Chemistry 450 is required unless Chemistry 446, 447, 448 is taken. rerequisite: Physics 130, 131, 132. (4 hours for each course.) Any uarter, by permission.

II. Physics

Physics 130, 131, 132 is planned to be both a general cultural course nd an introduction to further study of physics. It may be used to atisfy the core curriculum requirement of one year of a laboratory cience.

For the duration of the war courses in electricity and radio are ffered to help students prepare for technical service in the armed rces. The regular advanced courses will probably be discontinued r the duration of the war. Any student contemplating taking these urses for a specific problem is advised to consult the physics department concerning the proper selection and order of the courses.

30, 131, 132. First Year of College Physics.

Physics 130, mechanics; Physics 131, heat, light, and sound; hysics 132, magnetism and electricity, and modern physics.

Required. (4 hours for each course.) Fall, spring, and winter arters.

235. Mechanics and Heat.

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

236. Light.

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

237. Electron Physics.

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

Required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Omitted 1943-44.

238. Sound.

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music. (4 hours.) Omitted 1943-44.

243 (343). First Principles of Radio.

An introductory course in the subject of radio. The course includes the study of some typical circuits used in receiving sets, and the functions of the various parts. Class and laboratory.

Prerequisite: Physics 132. (4 hours.) Every quarter.

244 (344). Electrical Measurements.

A course in the study and use of electrical measuring and testing instruments with special consideration for their use in radio work Class and laboratory.

Prerequisite: Physics 132. (4 hours.) Fall and winter quarters

245. Electrical Circuits.

Circuit analysis for both D.C. and A.C. circuits. Typical methods used in radio problems are studied. Also the function of inductance capacitance, and resistance in circuits.

Prerequisite: Physics 132. (4 hours.) Fall and spring quarters.

322. Household Physics.

This course is especially designed for home economics students Principles of heat, mechanics, electricity, and light as applied in the home. A considerable part of the laboratory work deals with household appliances.

Required in the home economics curriculum. (4 hours.) Fal quarter.

340, 441, 442, 443. Methods and Supervised Student Teaching i Physics.

Required. (4 hours for each course.) Physics 340, omitted 1943-44 Teaching 441, 442, 443, every quarter.

348. Mechanics, Theory.

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Omitted 1943-44.

349. Heat, Theory.

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130. (4 hours.) Winter quarter.

350. Electricity and Magnetism, Theory.

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Omitted 1943-44.

361. Radio Servicing.

A study of the problems encountered in ordinary radio servicing. Methods of testing for various faults and routine procedure for analyzing. Theory and practice.

Prerequisite: Physics 243 and 244. Physics 244 may be taken concurrently. (4 hours.) Every quarter.

362. Advanced Principles of Radio.

In this course a thorough analysis is made of the functions of various parts used in radio work. Class a, b, and c receivers and transmitters are studied in terms of the advantages and uses of each class. Measurements are made of the performance of each part of the circuit.

Prerequisite: Physics 243, 244, 245. (4 hours.) Spring quarter.

363. Applications of Radio Tubes.

A study is made of the construction of radio tubes, the operating characteristics and use of radio tubes in various branches of service. Attention is given to the use of radio tubes in other than ordinary radio circuits.

Prerequisite: Physics 243, 245. Physics 245 may be taken concurrently. (4 hours.) Winter quarter.

451. Light, Theory.

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry. (4 hours.) Omitted 1943-44.

452, 453. Modern Physics.

A survey of basic experiments and theories of modern physics. Radio-activity; discharge of electricity through gases; X-rays; photoelectricity; the structure of matter and the periodic table; matter and radiation.

Prerequisite: Physics 130, 131, 132, and trigonometry. (4 hours for each course.) Omitted 1943-44.

471. Radio Construction Problems.

This is an all laboratory course in the design and construction of new equipment, including the drawing of circuit diagrams, and construction from blue prints.

Prerequisite: At least three other radio courses, including Physics 362 and 363. (4 hours.) Every quarter.

III. Physical Science

100, 101, 102. Physical Science.

This is a survey course in chemistry and physics in which the basic principles of both sciences are studied. The appreciation of the changes brought about in our daily life by the development and application of the physical sciences is stressed. Attention is largely directed toward those phases most likely to be encountered in the elementary school.

Required in the elementary curriculum. Elective as a year of laboratory science in other curricula. It may not be counted toward a minor in chemistry or physics. (4 hours for each course.) Omitted 1943-44.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 1 year of economics or sociology; 340 and 441, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; and 346, 347, 348, or Social Science 363, 364, 365 or 354, 355, 356, or 453, 454, 455.

137. Greek Civilization.

This course includes a brief survey of the civilizations of the Nile, Tigris, and the Euphrates valleys. The chief emphasis is on the early Greek settlements, their colonial expansion, the development of their economic and political institutions, their cultural life, and their contributions to the development of civilization.

Required in the social science, foreign language, and elementary curricula. (4 hours.) Fall quarter.

138. Roman History.

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

Required in the social science, art, foreign language, and elementary curricula. (4 hours.) Winter quarter.

139. Medieval Europe, 500 to 1500 A. D.

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

Required in the social science, art, and elementary curricula. (4 hours.) Spring quarter.

233. History of the United States, 1492-1824.

A brief survey of American exploration and colonization against the European background, with a more intensive study of the formation of the Union and the foundation of traditional American policies.

Required in the social science and elementary curricula. (4 hours.) Fall quarter.

234. History of the United States, 1824-1876.

Jacksonian Democracy and the beginnings of the modern pattern of political action; sectionalism and the westward movement; the Civil War and its aftermath.

Required in the social science and elementary curricula. (4 hours.) Winter quarter.

235. History of the United States, 1876-1944.

Development of industrial America and origins of present-day social and economic problems: movements for liberal reform; the first World War and post-war problems; an attempt to evaluate the New Deal; the nation once more in a world at war; our war effort.

Required in the social science and elementary curricula. (4 hours.) Spring quarter.

240. Methods and Materials in the Social Studies in the Elementary School.

A course considering the organization, content, and presentation of social science in the elementary school. Reviews of texts and workbooks, extra-curricular activities, the historical museum, and field trips are considered.

Elective in the elementary curriculum. May be substituted for Social Science 340 in the social science curriculum. (4 hours.) Summer term.

256. Rural Sociology.

Elective in all curricula. (4 hours.) Summer term.

330. Modern Economic Problems.

The nature and varieties of economic behavior. The important concepts of the subject are business organization and accounting, the individual business man and the corporation, the control of corporations, capitalism, production, distribution and consumption, price theory and market tactics, competition, conditions and the significance of imperfect competition, the problems of labor and wages, the economic position of the farmer, standards of living and our economic behavior, and the government and business.

Required in the industrial arts and home economics curricula. (4 hours.) Spring quarter.

340. Methods and Materials in the Social Studies and Geography in the Secondary School.

The characteristics of the social studies and geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required for social science and geography majors. (4 hours.) Spring quarter.

340 G. Methods and Materials in the Social Studies and Geography in the Elementary School.

An appraisal of materials, classroom procedures, and community field-study techniques for using the social studies and geography in teaching in the elementary school.

Elective. (4 hours.) Omitted 1943-44.

343. The History of England to 1603.

Early settlement of the British Isles; Roman occupation; Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

344. History of England, 1603-1830.

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum. Elective in other curricula. (4 hours.) Winter quarter.

345. The History of the British Empire, 1830-1944.

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the first World War and its consequences; the Empire faces its greatest test in the second World War.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

346. History of Europe, 1500-1789.

The New World, colonization and trade rivalry; the Reformation and revolt from the Church; the predominance of Spain, the rise of France and the long struggle between France and the Hapsburgs and between France and England; the development of the British Empire; the rise of Prussia and Russia; the Intellectual Revolution.

Required. (4 hours.) Fall quarter.

347. History of Europe, 1789-1871.

The French Revolution and the era of Napoleon; the Industrial Revolution; the revolutionary movements in Europe; the unification of Italy and of Germany; the rapid expansion of commerce; the increasing prominence of India, China, and Japan; the development of science and education.

Required. (4 hours.) Winter quarter.

348. History of Europe, 1871-1944.

The development of nationalism; commercial and colonial rivalry and military and naval rivalry; the Triple Alliance, the Triple Entente; the causes of the first World War and the revolution in the methods of warfare; the treaties of peace and the League of Nations; the revolutionary dictatorships and the trial of civilization in the second World War.

Required. (4 hours.) Spring quarter.

349 (239). Latin-American History to 1830.

A survey of the period of exploration and settlement of the Spanish and Portuguese empires in the western world. Colonial development. The era of revolution and independence. The relationships between the Latin-American colonies and nations with the English colonies and the United States.

Elective. (4 hours.) Fall quarter.

350. Latin-American History since 1830.

Political, economic, and cultural developments south of the Rio Grande. The relationships between the Latin-American republics and the United States. Emphasis on the Monroe Doctrine, the Pan-American Union, and the "Good Neighbor" policy.

Elective. (4 hours.) Winter quarter.

351. History of Canada.

The settlement of French Canada. French colonial development. The conquest of French Canada by the British. The change from colonial Canada to the Dominion. Political, economic, and cultural growth of Canada as a part of the British Empire. The relationships between Canada and the United States. Emphasis on cooperation between the two countries.

Elective. (4 hours.) Spring quarter.

354. Principles of Economics.

Basic characteristics of the economic order; free private enterprise and capitalistic organization of industry; the operation of the existing economic order; price as influenced by competition, cost of production, monopoly, and public authority.

Required in the commerce curriculum. Elective in other curricula. (4 hours.) Fall quarter.

355. Principles of Economics, Continued.

The business cycle, determination of price level; position of the consumer; the labor bargain and the labor problem; the reward of capital and of business enterprise; the support of the state; international economic policies; monetary and financial problems.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354. (4 hours.) Winter quarter.

356. Money and Banking.

Money, currency, and credit; functions and qualities of money; banks, kinds of banks, their organization and functions; the Federal Reserve system and its functions; bank credit, the problem of its control; theories of value and prices; international connection of prices; the problem of the control of the price level.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354, 355. (4 hours.) Spring quarter.

363. State Government.

A study of the structure and functions of the government of the state. The course directs attention particularly to the government of Illinois. The obligations of good citizenship are stressed. The Constitution of Illinois is examined in detail. Suggestions concerning the technique of teaching government in high school are included in all the government courses offered in the college. Students are made familiar with desirable illustrative material and choice collateral reading.

Required. (4 hours.) Fall and summer quarters.

364. Local Government.

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units. The governments of typical cities, townships, and counties of Illinois are studied in detail. The obligations of good citizenship are stressed, with particular attention to the responsibilities of the teacher to his community.

Required. (4 hours.) Winter and summer quarters.

365. The National Government.

A study of the structure and functions of the national government of the United States, with particular attention paid to federal-state relationships. The development of federal institutions is traced. The Constitution of the United States is examined in detail. The obligations of federal citizenship are stressed.

Required. (4 hours.) Spring and summer quarters.

366. Political Parties and Politics.

A study of the development, organization, and functions of political parties in the United States. The significance of the political party, from local community to nation, is examined. The practical workings of political groups are studied, together with suggestions for desirable reforms and an examination of the part the individual citizen can play in securing these reforms.

Elective. (4 hours.) Fall quarter.

367. International Relations of the United States.

A study of the place of the United States in the world community with particular attention to the methods and policies of the United States in dealing with foreign nations. The development of the machinery and spirit of international cooperation is traced.

Elective. (4 hours.) Winter and summer quarters.

368. War Backgrounds and Post-War Problems.

An integrated course bringing together material from the fields of history, political science, and economics. Historical background of the present war. The scope of our war effort. The problems of post-war world settlement. Designed for teachers in service and other mature students.

Elective. (4 hours.) Spring and summer quarters.

441, 442, 443. Supervised Student Teaching in High School Social Science.

(4 hours for each course.) Every quarter.

453. The Community and Society.

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fall quarter.

454. Principles of Sociology.

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture, and the social organization, social control, and social reform.

Elective. (4 hours.) Winter quarter.

455. Social Problems and Social Trends.

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Elective. (4 hours.) Spring quarter.

SPEECH

Requirements for a minor in Speech: Speech 130, 132, 233, 331, 345, 444.

130. Fundamentals of Speech.

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required. (4 hours.) Fall quarter.

131. Dramatics for Elementary Grades.

This course presents dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects are taught. The problem of choice of plays is presented.

Required. (4 hours.) Spring quarter.

132. Voice and Diction.

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

Required. (4 hours.) Winter quarter.

233. Principles of Speech Correction.

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

Required. (4 hours.) Fall quarter.

234. Advanced Principles of Speech Correction.

Required. Prerequisite: Speech 233. (4 hours.) Winter quarter.

235. Choric Speech.

A study of the technique employed in choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required. (4 hours.) Spring quarter.

331. Discussion and Debate.

Principles and participation in class discussions and debates on subjects of current interest.

Required. (4 hours.) Winter quarter.

345. Public Speaking.

Through prepared talks and discussions this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed.

Required in all curricula. (4 hours.) Every quarter.

346. Evolution of Oratory.

Present-day English and American public speaking are studied as an outgrowth of the past. Analyses are made of various types of model speeches at different periods, with emphasis on the present. Students are given practice in composing and delivering original orations.

Required. (4 hours.) Spring quarter.

435. Oral Reading.

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed. Most of the class time is devoted to student practice.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Speech.

(4 hours for each course.) Every quarter.

444. Play Production.

The student receives instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required. (4 hours.) Fall quarter.

445. Advanced Play Production.

Advanced technical studies and experience in stagecraft and directing.

Required. (4 hours.) Winter quarter.

PART III: LISTS

SUMMARY OF ATTENDANCE
COUNTIES REPRESENTED
OTHER STATES REPRESENTED
VIEWS SECTION
HONORARY FRATERNITIES—MEMBERSHIP
  EPSILON PI TAU
  KAPPA PI
  KAPPA DELTA PI
  KAPPA MU EPSILON
  SIGMA TAU DELTA
  THETA ALPHA PHI
  PI KAPPA DELTA
  PI OMEGA PI
  GAMMA THETA UPSILON
GRADUATES—1942

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING MAY 28, 1943

	Men	Women	Total	Total
Twelve Weeks' Summer Term, 1942:				
First Half Term	110	400	510	
Second Half Term	82	203	285	795
Regular School Year—September 7, 1942 to May 28, 1943:				
Teachers College:				
Post Graduate	0	2	2	
Seniors	37	44	81	
Juniors	46	73	119	
Sophomores	77	103	180	
Freshmen	119	129	248	
Total in College	279	351	630	
Extension Students (exclusive of duplicates)	96	394	490	
High School:				
Post Graduate	1	0	1	
Twelfth Year	24	24	48	
Eleventh Year	26	27	53	
Tenth Year	25	19	44	
Ninth Year	18	24	42	
Total in High School	94	94	188	
Total above the Eighth Grade	469	839	1,308	
Elementary Training School	128	135	263	
Total for the Regular Year	597	974	1,571	1,571
Total for the twelve months ending May 28, 1943				2,366
Counted twice (College only)	80	131		211
Grand Total of Students and Pupils				2,155

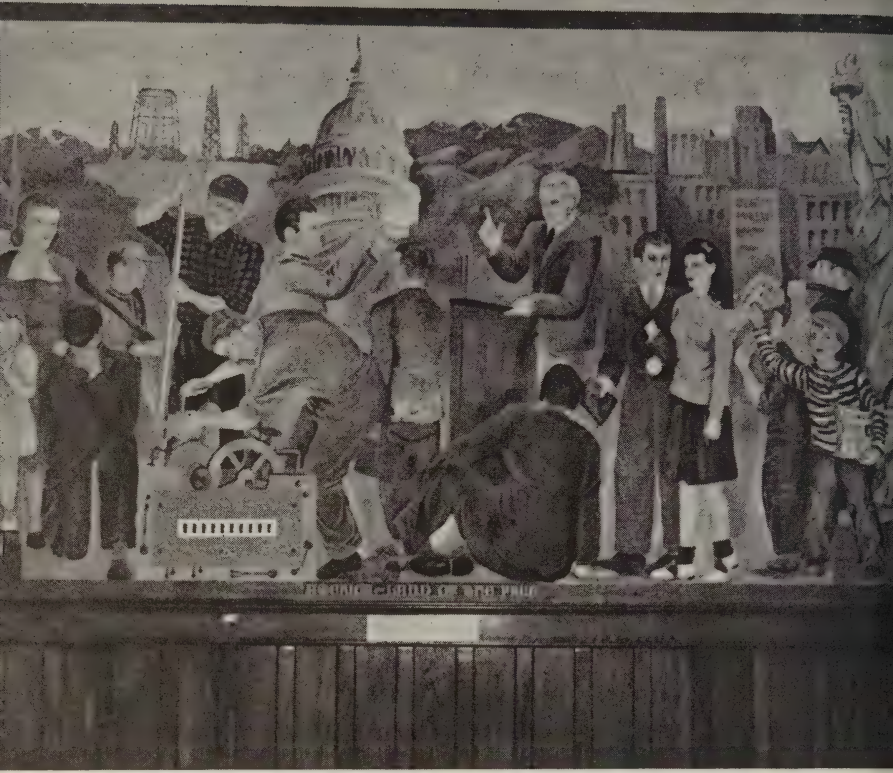
COUNTIES REPRESENTED—YEAR 1942-43

Adams
Bond
Champaign
Christian
Clark
Clay
Clinton
Coles
Cook
Crawford
Cumberland
DeWitt
Douglas
Edgar
Edwards
Effingham
Fayette
Ford
Franklin
Fulton
Henry
Iroquois
Jasper
Jefferson
Kankakee
Lawrence
Macon
Macoupin
Madison
Marion
McLean
Menard
Montgomery
Morgan
Moultrie
Piatt
Randolph
Richland
St. Clair
Sangamon
Shelby
Tazewell
Vermilion
Wabash
Wayne
White
Will

OTHER STATES REPRESENTED

Alabama
Arkansas
Florida
Georgia
Indiana
Michigan
Minnesota
Missouri
Ohio
Pennsylvania
South Dakota

In the Main Building, dedicated in 1899, are the Library, Auditorium, Administrative offices and classrooms.



"America—Land of the Free"—Mural by Art Students.

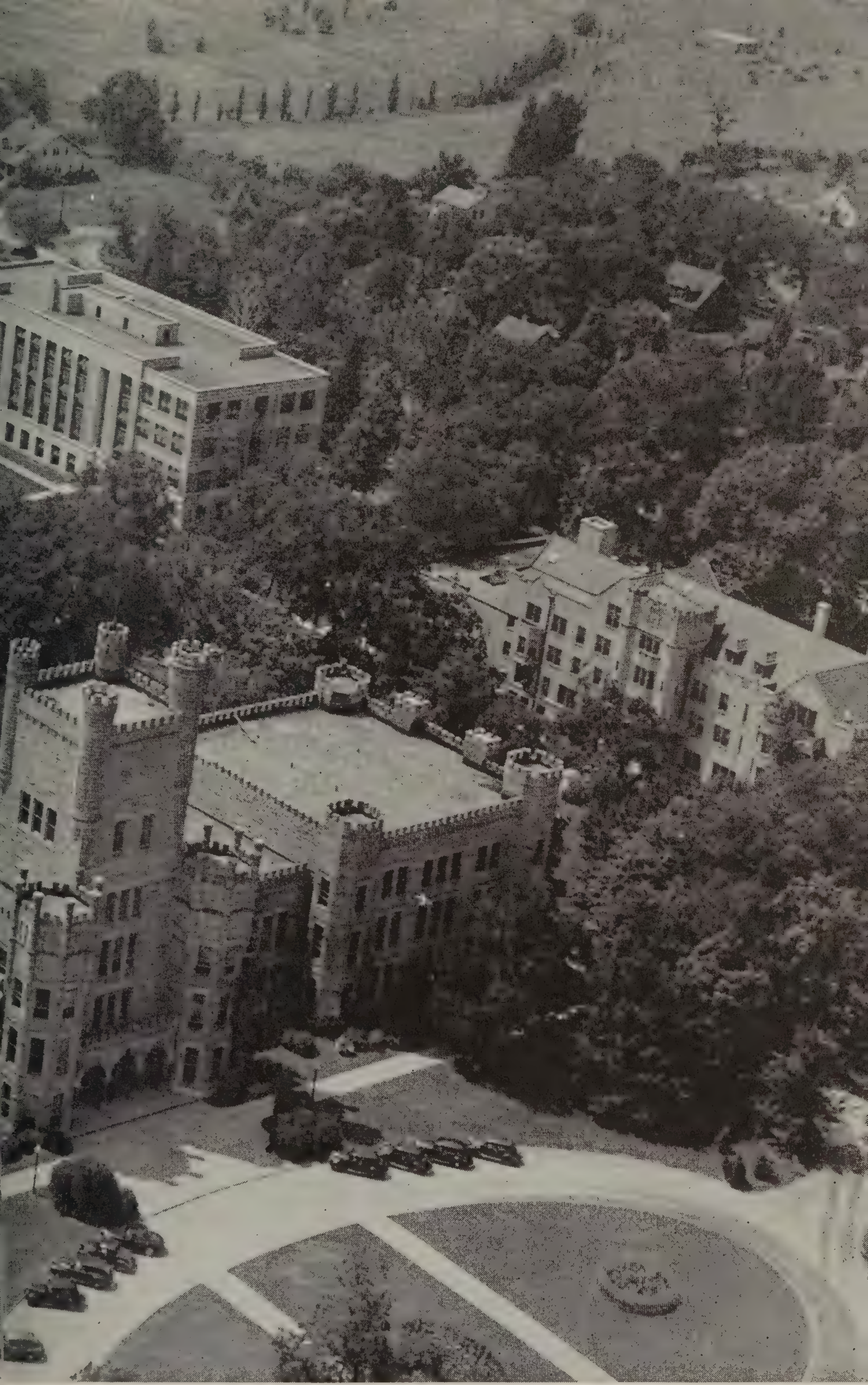
The College Choir Presents "The Messiah".

DID YOU LIKE THAT BOOK?
HE WILL TOO

Students Participate in Victory Book Drive.

An Alumnus Is Decorated.

Six of the seven buildings on Eastern's campus are shown in this aerial view. The nine-hole golf course and athletic fields are located on the 72-acre addition to the campus in the background at the right.



Reading counter-clockwise from the Main Building, shown in front, are: Pemberton Hall, the Women's Dormitory; Science Building; Health Education Building; Practical Arts Building; Training School.

In the Health Education Building, dedicated in 1938, are the Men's Gymnasium, Women's Gymnasium, Health Service and classrooms.

A Dance Group among the Irises.

On the College Golf Course.

NATIONAL HONORARY FRATERNITIES—MEMBERSHIP

EPSILON PI TAU

obert William Bokenkamp	Senior	Clay City
arrel Dean Clark	Senior	Jewett
erschel LeRoy Collins	Senior	Casey
dward Taylor Day	Senior	Charleston
*James Watson Smith	Senior	Brazil, Ind.

GAMMA THETA UPSILON

oy Edward Boley, Jr.	Freshman	Olney
thel Louise Cassida	Senior	Villa Grove
erschel LeRoy Collins	Senior	Casey
irginia Grace Dolan	Senior	Sullivan
obert Olin Frame	Senior	Charleston
rances Grace Ingram	Senior	Jewett
alph Marshall Irvin	Junior	Edwardsville
ale Warren Johnson	Senior	Charleston
artena Rosalie Snearley	Senior	Greenup
ary Ellen Wright	Junior	Paris

KAPPA DELTA PI

liver Frank Anderhalter	Senior	Trenton
eorge Smith Briggs	Junior	Charleston
orothy Ellen Brown	Senior	Olney
lizabeth Suzanne Burgener	Junior	Olney
lice Mildred Cooper	Senior	Potomac
ario Alesandro Covi	Senior	Livingston
da Caroline Crane	Senior	Sullivan
leanor Jeanne Cress	Senior	Hillsboro
Vilma Jean Daily	Junior	Sumner
ussell Eugene Euell	Senior	Charleston
race Guthrie	Senior	Sidell
uth Inez Hathaway	Senior	Hutsonville
etty Grace Heise	Junior	Charleston
ebecca Jean Henderson	Junior	Charleston
orma Jane King	Junior	Charleston
ouise Elizabeth Leedy	Junior	Annapolis
lizabeth Jane Lionberger	Senior	Robinson
arguerite Little	Senior	Paris
adge Eleanor Moore	Senior	Humboldt
artha Moore	Senior	Charleston
lizabeth Louise Podesta	Senior	Mattoon
argaret Louise Rademaker	Senior	Marshall
aomi Ruth Ramsey	Senior	Windsor
ertha Elizabeth Ridgely	Senior	Parkersburg
onald LeRoy Shawver	Junior	Charleston
elen Lee Stevens	Junior	Centralia
argery Beth Thomas	Junior	Charleston
essie Mae Townsend	Senior	Charleston
*Harold Cecil Werner	Senior	Pana
ane Wilson	Senior	Paris
ary Ellen Wright	Junior	Paris

THETA ALPHA PHI

uby Aileen Carter	Junior	Charleston
mily Lucile Greer	Junior	Harristown
arjorie Ingram	Senior	Charleston
lizabeth Louise Podesta	Senior	Mattoon
ugene Leon Price	Junior	Mattoon
etty Fay Reeder	Junior	Atwood
ertha Elizabeth Ridgely	Senior	Parkersburg
eslie Carroll Robertson	Junior	Cowden
larissa Joan Sheeks	Senior	Mattoon
essie Mae Townsend	Senior	Charleston
arian Eileen Wagner	Junior	Sumner

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* Entered the U. S. armed forces.

SIGMA TAU DELTA

Nona Belle Cruise	Senior	Beecher City
Kathryn Elizabeth Dively	Junior	Paris
Rebecca Jean Henderson	Junior	Charleston
Marguerite Little	Senior	Paris

KAPPA PI

Dario Alesandro Covi	Senior	Livingston
Ada Caroline Crane	Senior	Sullivan
Wana Lavina Creamer	Senior	Louisville
Wilma Jean Daily	Junior	Sumner
Wilma Jean McManigell	Senior	Charleston
Marian Eileen Wagner	Junior	Sumner

KAPPA MU EPSILON

Oliver Frank Anderhalter	Senior	Trenton
Richard Henry Bidle	Junior	Robinson
George Smith Briggs	Junior	Charleston
Dario Alesandro Covi	Senior	Livingston
Albert Henry Eckert	Freshman	Danville
Ruth Hope Ellis	Junior	St. Jacob
Russell Eugene Euell	Senior	Charleston
Lillian Miriam Fagen	Sophomore	Danville
David Fisher	Senior	Charleston
Martha Frances Husted	Senior	Gary, Indiana
Beryl Brooks LeCount	Junior	Georgetown
Raymond Earl Metter	Freshman	Charleston
Madge Eleanor Moore	Senior	Humboldt
Florence Alma Rice	Senior	Toledo
Wendell Dale Williams	Sophomore	Mode

PI OMEGA PI

Alice Mildred Cooper	Senior	Potomac
Eleanor Jeanne Cress	Senior	Hillsboro
Grace Guthrie	Senior	Sidell
Ruth Inez Hathaway	Senior	Hutsonville
Don Eugene Herron	Junior	Findlay
Wanda Eileen Nicoson	Junior	Kansas
Mary Beth Piersol	Junior	Kankakee
Donald Leroy Shawver	Junior	Charleston

PI KAPPA DELTA

Jene Louise Bails	Junior	Charleston
Betty Margaret Lewis	Junior	Waggoner
Eileen Louise McCormack	Sophomore	Newton
Donald Edward McKinney	Sophomore	Calhoun
Elizabeth Louise Podesta	Senior	Mattoon
Clarissa Joan Sheeks	Senior	Mattoon
John Claire Shumaker	Junior	Oblong
Helen Eleath Stites	Sophomore	Charleston

GRADUATES

1942

SENIOR COLLEGE

Name	Post Office
Abbott, Jane Lee	Charleston
Alexander, Keith Parr	Decatur
Allison, Agnes Irene	Danville
Allison, Eugenia Marie	Kansas
Armstrong, Harold Branigan	Cleveland, Ohio
Arnold, Dean Alexander	Villa Grove
Aschermann, Virginia Ellen	Arthur
Aye, Florence Margaret	Champaign
Bainbridge, Emily Ruth	Charleston
Baker, Betty Jean	Charleston
Barco, Mary Catherine	Lewistown
Becker, Elsie Jane	Moweaqua
Birch, Ila Mae	Charleston
Blackburn, Marjorie Elizabeth	Blue Mound
Blair, Wendell Austin	Paris
Bobbitt, Kathryn Roberta	Dalton
Brookhart, Ruth Aileen	Casey
Bryant, Zalla Avis	Charleston
Buck, Mary Catherine	Champaign
Chamberlin, Margaret Louise	Charleston
Collins, Beulah Louise	Greenup
Craven, Lindon Henry	Charleston
Davis, Martha Evelyn	Charleston
Day, Wilson Maloy	Charleston
Decker, Frances Elizabeth	Charleston
Dewhirst, Fred Arlington	Edinburg
Dickerson, John Nelson	West Union
Diel, Sylvia Lucille	Noble
Donnelly, Ruth Gruber	Olney
Drayton, Thelma Blondell	Oblong
Eaton, John Woodrow	Charleston
Elam, Lloyd Thomas	Windsor
Elliott, Mary Howell	Oblong
Elsberry, Leona May	Paris
Endsley, Carroll Lavern	Charleston
Erickson, Eleanor Enid	Kankakee
Estell, Harry Everett	Mattoon
Estell, Rosa Mae	Mattoon
Evans, Ulmont Lordon	Shelbyville
Fairchild, Elbert Abel	Charleston
Frame, Mabel Maxine Rennels	Charleston
Fulton, Mildred Louise	Charleston
Gaumer, Mary Frances	Danville
Gerard, Betty Jean	Charleston
Grantham, R. Jack	Mattoon
Hall, Harold Dale	Kewanee
Harmon, Manford Milton	Villa Grove
Henkle, Ellen Lee	Charleston
Hensen, Dorothy June	Hillsboro
Hill, Kathryn Thelma	Charleston
Hoehn, Kathryn Mary	Witt
Hughes, Catherine	Maywood
Hunter, Helen Lambert Ferguson	Bloomington
Isley, Hazel Charlene	Montrose
James, Daniel J.	Charleston
Jensen, Dorothy Marie	Neoga
Jones, Paul William	Newton
Kauper, Frances Myra	Brookfield
Kelly, Mary Angeline	Arcola
Kirkham, Madge Ellen	Kansas
Kuhn, Brigitta Johanna	Paris
Kuhn, Jeanette Elizabeth	Jewett
Langford, Gerald	Hillsboro
Marble, Anna May	Sullivan
Markel, Elizabeth Nelle	Hillsboro
McQueen, Lois Maxine	Charleston
Michael, Lillian Cora	Highland
Miller, Ruth Leone	Sullivan
Milnes, Ruth Isabel	Maroa
Monroe, Helen Jane	Mattoon
Moore, Robert Dale	Niantic
Murphy, Geneva June	Marshall
Nash, Betty Catherine	Mattoon
Nordquist, Delmar LeRoy	Mattoon
Noyes, Martha Lorraine	Charleston
Oliver, Earl Lester	Charleston
Phipps, James Harrison	Ashmore
Pinkstaff, Mary Inez	Birds
Plunkett, Jane Morine	Palestine
Prather, Harry Edward	Kansas
Provines, Dorothy Fern	Olney
Provines, Marshall Ellwood	Olney
Redding, Alfred Adelbert	Springfield
Reed, Nancy Lucile	Newton
Reis, Teresa Helen	Richmond Hts., Mo.
Resch, Edward Maurice	Newton
Rhodes, Zona Lucille	St. Elmo
Rice, Orville Millard	Toledo
Robinson, Robert Newlin	Willow Hill
Ryan, Marion Rayburn	Charleston
Saiter, Violet Roseanne	Marshall
Sallee, Margaret Ruth Guthrie	Sidell
Saxton, Wayne Crawford	Kansas
Scheidker, John Robert	Charleston
Scherer, Margaret Clara	Oak Park
Schwartz, Virginia Lois	Marshall
Seaman, George Henry	Charleston
Seip, Harold Merle	Tuscola
Smith, Donna Louise	Charleston
Snow, Ila Fay	Irving
Stahlman, Avis Aldena	Olney
Stout, Ellis Leo	Sumner
Thurn, Mary Adelle	Pana
Treat, Billy Jo	Loami
Trefz, Kathryn Agnes	Paris
Vandament, Beulah Mabel	Sumner
Voigt, John Wilbur	Mattoon
Walcher, Alice June	Witt
Walker, Mamie Idella	Geff
Walton, Chloa Loretta	Arcola
Waters, Phyllis Barbara	Charleston
Weakley, Ruth Lucretia	Gays
Weaver, Janice LaRue	Sidell
Weingand, Margaret Jean	Hillsboro
Weir, Edward Cundiff	Armington
Whitacre, William Doyle	Stewardson
Williams, Edna Eileen	Attica
Wilson, John Shirley	Mattoon
Winkler, Catherine Belle	Charleston
Wozencraft, John George	Glen Ellyn
Zupsich, Joseph Stephen	Mt. Olive

Men 43
Women 78

Total 121

GRADUATES

1942

JUNIOR COLLEGE

Name	Post Office
Alumbaugh, Mildred Louise	Sullivan
Andrews, Estelle Lorraine	New Berlin
Burkhardt, Irma Elizabeth	Pana
Centers, Faye Berneeta Holsapple	Charleston
Cox, Evelyn M.	Hoopeston
Crampton, Ruth A.	Casey
Crim, Louie Alvah	West Frankfort
Dalton, Elmira Ethelberta	Danville
Davis, Beulah Fae	Effingham
Davis, Evelyn Bertha	Fithian
Dial, Beatrice Elizabeth Pope	East St. Louis
Dobbs, Mary Ellen	Charleston
Eaton, Mabel Erline	Charleston
Engle, Mary Alice	Brownstown
Foster, Doris Ruth	Mt. Carmel
Fox, Maxine Hubbard	Robinson
Garner, Emily Kathryn	Charleston
Gilpin, Royena Beatrice	Charleston
Grundy, Alma Rose	Morrisonville
Hampton, Doris Elizabeth	Windsor
Harvey, Margaret Rose	Newton
Hawkins, Alta Jean	Kansas
Hilsabeck, Lois Elaine	Pana
Johnson, Betty Lou	Georgetown
Joley, Esther Marguerite	Pana
Kannmacher, Kathryn Jane	Martinsville
Kelley, Opal Juanita	Mattoon
Kincaid, Ruth Anna	Effingham
Lawrence, Wilma Jeanne	Newman
Lowry, Mary Evadene	Effingham
McNeil, Anna Loyz	Dundas
Mesnard, Verle Lillian	Altamont
Miller, Naomi Belle	Danville
Patchell, Gretchen Amy	Robinson
Petzing, Hazel C. Sparks	Shumway
Rauch, Wilfred George	Ingraham
Rich, Freda Mae	Flora
Robertson, Zula Bell	St. Joseph
Robison, Emma Lou	Chrisman
Samford, Doris Evelyn	Fairfield
Schroy, Helen Lucille	Palestine
Simpson, Helena Marguerite	Watson
Sluder, Edward Emmerson	Carmi
Storckman, Letha Ellen	Sumner
Thomas, Virginia	Arcola
Vinson, Mary Margaret	Muncie
Wallace, Clara Luella	Montrose
Welch, Marjorie Eleanor	Ramsey
White, Alice	Springfield
Winans, Janet Ann	Brocton
Young, Marjorie Ellen	Neoga

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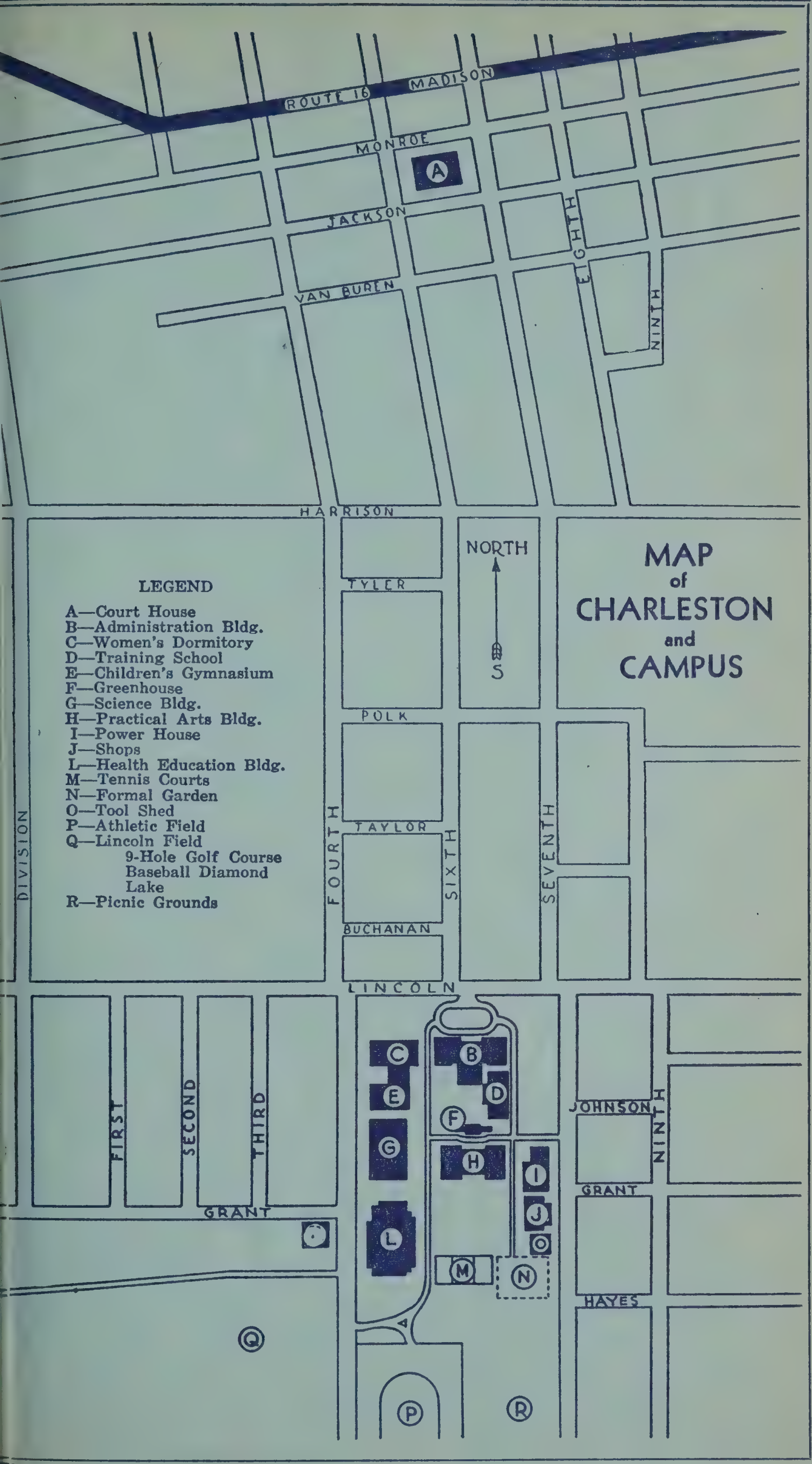

MAP
of
CHARLESTON
and
CAMPUS

LEGEND

A—Court House
B—Administration Bldg.
C—Women's Dormitory
D—Training School
E—Children's Gymnasium
F—Greenhouse
G—Science Bldg.
H—Practical Arts Bldg.
I—Power House
J—Shops
L—Health Education Bldg.
M—Tennis Courts
N—Formal Garden
O—Tool Shed
P—Athletic Field
Q—Lincoln Field
9-Hole Golf Course
Baseball Diamond
Lake
R—Picnic Grounds

ROUTE 16
MADISON
MONROE
JACKSON
VAN BUREN
HARRISON
TYLER
POLK
TAYLOR
BUCHANAN
LINCOLN
JOHNSON
GRANT
HAYES
DIVISION
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SECOND
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43/44

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

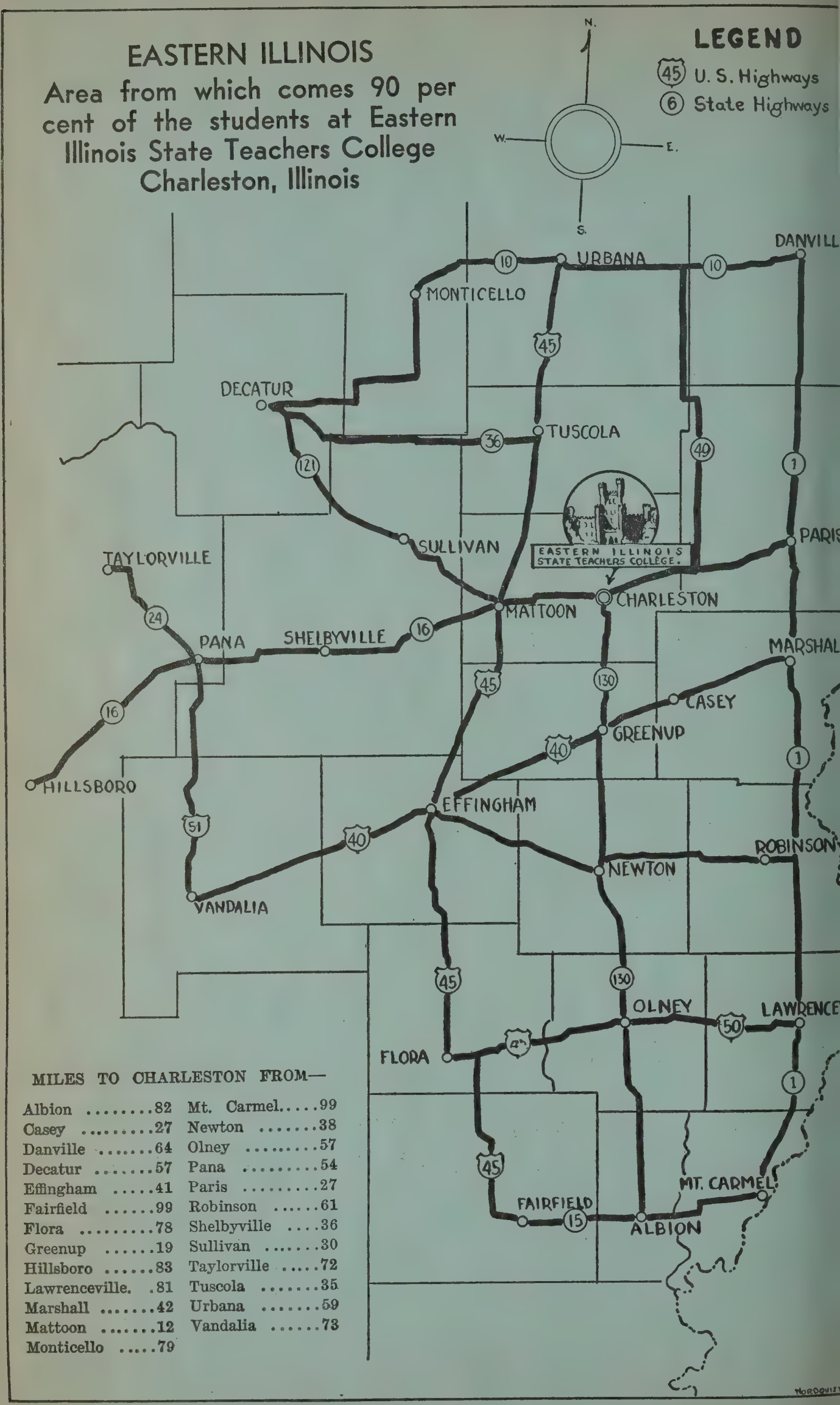
ANNOUNCEMENTS FOR 1944-45 SESSIONS

1899

CHARLESTON, ILLINOIS

EASTERN ILLINOIS

Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois


LEGEND
45 U. S. Highways
6 State Highways
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W.
E.
S.
DANVILL
URBANA
10
MONTICELLO
45
DECATUR
TUSCOLA
36
121
49
1
EASTERN ILLINOIS STATE TEACHERS COLLEGE
PARIS
SULLIVAN
TAYLORVILLE
24
CHARLESTON
MATTOON
PANA
SHELBYVILLE
16
MARSHAL
130
CASEY
GREENUP
40
HILLSBORO
EFFINGHAM
51
ROBINSON
NEWTON
VANDALIA
OLNEY
LAWRENCE
50
FLORA
MT. CARMEL
FAIRFIELD
15
ALBION
NORDQUIST

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STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 166 April 1, 1944

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45th YEAR

ACADEMIC RECORD 1943-44

ANNOUNCEMENTS FOR 1944-45

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the Eastern Illinois State Teachers College, Charleston, Illinois. Entered March 5, 1902, as second class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

(62873)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues
BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing
HOBART F. HELLER, Acting Dean of the College

Housing, Student Employment, and Personal Problems
HAROLD M. CAVINS, Acting Dean of Men
ELIZABETH K. LAWSON, Dean of Women

Pemberton Hall
MRS. ALICE N. COTTER, Director

Payment of Fees
RAYMOND R. GREGG, Business Manager

Teacher Placement
HARRY L. METTER, Director of Teacher-Training and Placement

Student Health
MARY E. THOMPSON, College Nurse

Textbook Library
HENRY J. ARNOLD, Manager

Extension Courses
BRYAN HEISE, Director of Extension

Public Relations and Alumni Affairs
WILLIAM H. ZEIGEL, Acting Director of Public Relations and Alumni Secretary

Information Regarding Summer Session
BLANCHE C. THOMAS, Registrar, or
HOBART F. HELLER, Acting Dean

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WHY I TEACH

Because I would be young in soul and mind
Though years must pass and age my life constrain
And I have found no way to lag behind
The fleeting years, save by the magic chain
That binds me, youthful, to the youth I love,
I teach.

Because I would be wise, and wisdom find
From millions gone before whose torch I pass,
Still burning bright to light the paths that wind
So steep and rugged, for each lad and lass
Slow climbing to the unrevealed above,
I teach.

Because in passing on the living flame,
That ever brighter burns the ages through,
I have done service that is worth the name
Can I but say "The flame of knowledge grew
A little brighter in the hands I taught,"
I teach.

Because I know that when life's end I reach
And thence pass through the gates so wide and deep
To what I do not know, save what men TEACH
That the remembrance of me will keep
Is what I've done; and what I have is naught,
I teach.

—Louis Burton Woodward

1944

JULY

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1945

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COLLEGE CALENDAR, 1944-45

Fall Quarter, 1944 (Twelve Weeks)

Monday, September 11	Registration of all students, 8 a. m.
Tuesday, September 12	College classes begin, 8 a. m.
Thursday, November 23	Thanksgiving Day
Friday, November 24	Holiday Recess
Friday, December 1	Fall Quarter closes

Winter Quarter, 1944-45 (Twelve Weeks)

Monday, December 4	Registration, 8 a. m.
Friday, December 8 Saturday, December 9	Thirtieth Annual Homecoming
Friday, December 22	Christmas recess begins
Wednesday, January 3	Classes resume, 8 a. m.
Thursday, March 8	Winter Quarter closes

Spring Quarter, 1945 (Twelve Weeks)

Monday, March 12	Registration, 8 a. m.
Friday, March 30	Easter recess begins
Tuesday, April 3	Classes resume, 8 a. m.
Sunday, May 27	Baccalaureate, 3 p. m.
Friday, June 1	Commencement, 10 a.m.
Friday, June 1	Spring Quarter closes

State of Illinois — Dwight H. Green, *Governor*

DEPARTMENT OF
REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

★ ★

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

VERNON L. NICKELL
Superintendent of Public Instruction (Springfield)
Secretary

★ ★

APPOINTED MEMBERS

Miss Harriett A. McIntire, Mendota	1937-1943
John D. Dill, Carbondale	1937-1943
Jacob E. Alschuler, Aurora	1939-1945
Charles E. McMorris, Marshall	1939-1945
Mrs. Helen R. Pegelow, Mattoon	1939-1945
Dr. Preston Bradley, Chicago	1941-1947
Lindell W. Sturgis, Metropolis	1941-1947
Russell L. Guin, Danville	1941-1947
Richard F. Dunn, Normal	1943-1949

★ ★

Elmer P. Hitter....................Co-ordinator (Springfield)

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

ADMINISTRATION

1943-44

Office of the President

Robert Guy Buzzard, Ph.D.	President
Roy Kenneth Wilson, A.M.	Secretary to President and Director of Public Relations (On leave for service in U. S. Naval Reserve)
William H. Zeigel, Ph.D.	Acting Director of Public Relations and Alumni Secretary
Florence Leone Fair, A.B.	Secretary

Office of the Dean and Registrar

Hobart Franklin Heller, Ph.D.	Acting Dean
Blanche Claire Thomas	Registrar
Helen Josephine Whalen	Secretary

Office of Dean of Women

Elizabeth K. Lawson, Ph.D.	Dean of Women

Office of Dean of Men

Harold Maxon Cavins, Ed.D.	Acting Dean of Men

Office of the Director of Training Schools

Harry Louis Metter, Ph.D.	Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D.	Principal of High School
Arthur U. Edwards, Ph.D.	Principal of Elementary School
Hans Christian Olsen, Ph.D.	Director of Off-Campus Student Teaching
Elizabeth Jane Lionberger, B.Ed.	Secretary

Office of Extension Director

Bryan Heise, Ph.D.	Director of Extension

Office of Health Service

Mary Ellen Thompson, R.N.	College Nurse

Business Office

Raymond Rosco Gregg, A.M.	Business Manager
Violet Bird Taylor, B.A.	Secretary
Dorothy Virginia Davis	Stenographer
Grace Guthrie, B.Ed.	Stenographer

Office of Textbook Library

Henry J. Arnold, A.M.	Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B.	Director of Pemberton Hall

Buildings and Grounds

Camille F. Monier	Superintendent of Grounds
Granvil Shafer	Superintendent of Buildings
Edson B. Clodfelter	Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1943-44

Asterisk (*) indicates Head of Department.
Double Asterisk (**) indicates Acting Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D. . . . . *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

HOBART FRANKLIN HELLER, Ph.D. . . . . *Acting Dean*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

ROY KENNETH WILSON, A.M. . . . . *Secretary to President and Director of Public Relations*
B.Ed., Eastern Illinois State Teachers College, 1936; A.M., University of Illinois, 1943. (On leave for service in U. S. Naval Reserve.) (1937)

WILLIAM H. ZEIGEL, Ph.D. . . . . *Acting Director of Public Relations and Alumni Secretary*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

HAROLD MAXON CAVINS. Ed.D. . . . . *Acting Dean of Men*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

ELIZABETH K. LAWSON, Ph.D. . . . . *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS . . . . *Registrar* (1922)

RAYMOND ROSCO GREGG, A.M. . . . . *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933 and 1934. (1934)

HARRY LOUIS METTER, Ph.D. . . . . *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Donald Allen Rothschild, Ph.D.......................*Principal, Teachers College High School*

A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

Arthur U. Edwards, Ph.D...........................*Principal, Teachers College Elementary School*

A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

Hans Christian Olsen, Ph.D...........................*Director of Off-Campus Student Teaching*

A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

Bryan Heise, Ph.D.......................*Director of Extension*

A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (On leave to serve as collaborator in Child Growth and Development, The University of Chicago.) (1937)

Mary Ellen Thompson, R.N.......................*College Nurse*

Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

Alice Nellie Cotter, A.B............*Director of Pemberton Hall*

A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

Mildred Ruth Whiting, Ph.D.*................*Associate Professor*

B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)

Francis Louis Hoover, Ed.D...................*Assistant Professor*

B.S., North Texas State Teachers College, Denton, 1933; A.M., Columbia University, 1935; Ed.D., New York University, 1942. (1941)

Alice McKinney, A.M...............................*Instructor*

Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; Chautauqua Summer School, 1928; Woodbury School of Art and Massachusetts Art School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (1928)

BIOLOGICAL SCIENCE

Botany

Ernest Lincoln Stover, Ph.D.*........................*Professor*

B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. Resident Doctor, University of Washington Biological Station, summer, 1926; University of Michigan Biological Station, summer, 1932; Cornell University, summer, 1936; University of Wyoming Science Camp, summer, 1940. (On leave to serve as Visiting Professor at the University of Illinois.) (1923)

Hiram Frederick Thut, Ph.D.**...............*Associate Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. Resident Doctor, Iowa State College, summer, 1939; Cornell University, summer, 1940. (1932)

Ica Marks, M.S.......................................*Instructor*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (1932)

Zoology

Charles Stockman Spooner, Ph.D.*.........................*Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., University of Illinois, 1918; Graduate study, The University of Chicago, summer, 1918; Ph.D., University of Illinois, 1936. (1919)

Walter Merritt Scruggs, Ph.D.................*Associate Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (On leave for military service.) (1929)

Hygiene

Harold Maxon Cavins, Ed.D...................*Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

COMMERCE

James Michael Thompson, Ed.D.*......................*Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (On leave for service in U. S. Naval Reserve.) (1937)

Earl Samuel Dickerson, Ed.D.**.............*Associate Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

Stanley Clay Robinson, A.M.........................*Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave for service in U. S. Naval Reserve.) (1939)

Jessie Martha Hunter, A.M..........................*Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

Robert Twining Stickler, M.S.........................*Instructor*
B.S., 1937, M.S., University of Illinois, 1941. (Resigned October 1, 1943.) (1942)

Katherine Switzer Humphrey, M.A...................*Instructor*
B.S.C., 1932, M.A., University of Iowa, 1942. (Substitute instructor.) (1942)

EDUCATION

EMMA REINHARDT, Ph.D.*............................*Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

HARRY LOUIS METTER, Ph.D............................*Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D..............*Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

BRYAN HEISE, Ph.D..........................*Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (On leave to serve as collaborator in Child Growth and Development, The University of Chicago.) (1937)

WILLIAM H. ZEIGEL, Ph.D.....................*Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D....................*Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D................*Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ELIZABETH K. LAWSON, Ph.D..................*Associate Professor*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

ENGLISH

ISABEL McKINNEY, A.M.*................................*Professor*
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (1904)

HOWARD DEFOREST WIDGER, Ph.D......................*Professor*
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

FRANKLYN LEHMAN ANDREWS, A.M...........*Associate Professor*
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936, 1937, and 1941. (1929)

EUGENE M. WAFFLE, Ph.D.....................*Associate Professor*
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (On leave for military service.) (1926)

ROBERT ARMAND SHILEY, Ph.D.................*Associate Professor*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; Ph.D., Yale University, 1939. (On leave for service in U. S. Naval Reserve.) (1931)

Winnie Davis Neely, M.A. .... *Assistant Professor*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

Buren C. Robbins, A.M. .... *Assistant Professor*
B.E., Drake University, 1931; A.M., State University of Iowa, 1935. (Substitute assistant professor.) (1943)

FOREIGN LANGUAGE

Kevin Guinagh, Ph.D.* .... *Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. (1931)

Ellen Elizabeth Michael, A.M .... *Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

Ruth Carman, A.M .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

GEOGRAPHY

Norman Carls, Ph.D.* .... *Associate Professor*
B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (On leave for service in U. S. Naval Reserve.) (1940)

Ruby Mildred Harris, S.M.** .... *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (1923)

Rose Zeller, Ph.D .... *Associate Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

HOME ECONOMICS

Sadie O. Morris, Ph.D.* .... *Associate Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate study, University of California, 1923-24; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, A.M. . . . . *Assistant Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; Graduate study, Cornell University, summer, 1939; Pennsylvania State College, 1941-42. (1937)

ELSIE ROBINSON COLVIN, M.S. . . . . *Instructor*
B.S., Southwestern Louisiana Institute, 1933; M.S., University of Arkansas, 1941. (Resigned November 21, 1943.) (1943)

HELEN LOUISE DEVINNEY, A.M. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940. (1943)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.* . . . . *Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)

WAYNE P. HUGHES, Ed.D. . . . . *Associate Professor*
Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Ed.D., New York University, 1942. (On leave to do special war service work for The National Safety Council.) (1923)

RUSSELL HENRY LANDIS, Ed.D. . . . . *Associate Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; Ed.D., Pennsylvania State College, 1940. (On leave to fill a war-time service appointment in the U. S. Office of Education.) (1930)

LIBRARY

MARY JOSEPHINE BOOTH, B.L.S.* . . *Associate Professor and Librarian*
A.B., Beloit College, 1900; B.L.S., University of Illinois Library School, 1904; The University of Chicago, second summer term, 1908. (1904)

MAY SMITH, M.S. . . . . *Instructor*
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1927)

ESTHER DUGGLEBY, M.A. . . . . *Instructor*
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S. in L.S., 1931; M.A., University of Illinois, 1938. (1935)

HARRIET LOVE, M.S. . . . . *Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

MARGARET LORENA EKSTRAND, B.S. in L.S. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., George Peabody College for Teachers, 1942. (1942)

MATHEMATICS

EDSON HOMER TAYLOR, Ph.D* . . . . *Professor*
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)

Hobart Franklin Heller, Ph.D. .... *Associate Professor*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

Ruth Hostetler, A.M. .... *Instructor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

MUSIC

Leo J. Dvorak, Ph.D.* .... *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (On leave for military service.) (1940)

Rudolph D. Anfinson, Ph.D.** .... *Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail School of Music, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (On leave. Left January 26, 1944, to enter military service.) (1940)

Ethel Irene Hanson, A.M. .... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

Robert Austin Warner, M.A. .... *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (On leave for military service.) (1938)

Thurber H. Madison, Ph.D. .... *Assistant Professor*
B.S., 1929, M.A., University of Minnesota, 1934; Ph.D., Columbia University, 1941. (Substitute assistant professor and substitute head of music department.) (1943)

Marget Irene Johnson, M.M. .... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

Donald E. Johnson, A.M. .... *Instructor*
B.S. in Ed., State Teachers College, Maryville, Missouri, 1933; Graduate study, State Teachers College, Maryville, Missouri, 1933-34; Julliard School, New York City, summer, 1936; A.M., Teachers College, Columbia University, 1938; Graduate study, Teachers College, Columbia University, summer, 1939. (Returned January 12, 1944, after military service.) (1940)

PHYSICAL EDUCATION

Men

Charles P. Lantz, Pd.D.* .... *Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer, 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S...................*Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939 and 1941. (On leave.) (1932)

GILBERT CARSON, A.M...........................*Assistant Professor*
Diploma, Southern Illinois State Normal University, 1921; Coaching School, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (On leave for military service.) (1936)

Women

FLORENCE MCAFEE, Ed.D.*.......................*Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

MABEL J. HUPPRICH, M.S......................*Assistant Professor*
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34, summer, 1941. (Resigned September 17, 1943.) (1934)

EDITH CRAWFORD HAIGHT, Ph.D.................*Assistant Professor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Ph.D., New York University, 1944. (1938)

CORINNE ALMYRA CROGEN, M.S..........................*Instructor*
B.Ed., State Teachers College, LaCrosse, Wisconsin, 1936; M.S., Wellesley College, 1939. (1943)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.*..........................*Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester, 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

WILBUR IRVIN ROSENKRANZ, M.A................*Assistant Professor*
B.A., North Central College, 1927; M.A., University of Minnesota, 1935. (1943)

Physics

ORA LEE RAILSBACK, Ph.D.*..............................*Professor*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana University, summers, 1924, 1926; The University of Chicago, summers, 1928, 1929; Ph.D., Indiana University, 1937. (On leave for military service.) (1924)

WILLIAM MARION PIERCE, Ph.D.**..............*Associate Professor*
A.B., 1918, M.S., 1920, Ph.D., Cornell University, 1928; Post-graduate work, Columbia University, 1935-36. (1942)

SOCIAL SCIENCE

CHARLES HUBERT COLEMAN, Ph.D.*......................*Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D.................*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Graduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D...................*Associate Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D..................*Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.*...................*Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A..................*Assistant Professor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935; Graduate study, University of Michigan, summer, 1937; University of London, summer, 1939; Northwestern University, summers, 1938 and 1940; University of Mexico, summer, 1941. (On leave for service in WAVES.) (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D...............................*Director*
of Teacher Training and Placement Bureau
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D..............................*Principal*
of Teachers College Elementary School
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M...*Assistant Professor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M..*Assistant Professor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; University of Southern California, summer, 1941. (1920)

Lois Vivian Johnson, M.A.......*Instructor and Sixth Grade Criti*
B.Ed., Northern Illinois State Teachers College, 1938; M.A., Northwestern University, 1939; Graduate study, Columbia University summer, 1940. (1942)

Bernice I. Bankson, A.M.........*Instructor and Fifth Grade Criti*
Diploma, Illinois State Normal University, 1927; B.Ed., Easter Illinois State Teachers College, 1932; A.M., Columbia University 1933; Graduate study, University of California, summer, 1938; Northwestern University, summer, 1941. (1933)

Myrtle Arnold, A.M...........*Instructor and Fourth Grade Criti*
Diploma, St. Cloud State Teachers College, 1917; B.S., University o Minnesota, 1930; A.M., George Peabody College for Teachers, 1935 Graduate study, University of Wyoming, summer, 1939. (1930)

Nannilee Saunders, A.M.......*Instructor and Third Grade Criti*
B.S., George Peabody College for Teachers, 1929; A.M., Columbi University, 1935; Graduate study, George Peabody College fo Teachers, summer, 1940. (On leave.) (1935)

Margaret Dorothy Fleming, M.A........................*Instructo*
and Third Grade Criti
B.E., Duluth State Teachers College, 1935; Graduate study, University of Minnesota, summer, 1938; M.A., Iowa University, 1940 Graduate research work, The University of Chicago, summer, 194 (Substitute instructor, 1943-44.) (1943)

Pauline Alta Smeed, M.A......*Instructor and Second Grade Criti*
B.S., 1930, M.A., Northwestern University, 1940. (1943)

Margaret B. Donley, A.M...................*Assistant Professo*
and First Grade Criti
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbi University, 1932; Graduate study, University of Colorado, summe 1940. (1935)

Teachers College High School

Donald Allen Rothschild, Ph.D........................*Principa*
of Teachers College High Schoo
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Universit of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (193

Allen Perdue Britton, A.M.................*Instructor in Musi*
B.S. in Music Education, 1937; A.M., University of Illinois, 193 Part-time graduate study, Indiana University, 1940-41. (On leav for military service, November 26, 1943.) (1941)

Ruth Carman, A.M.................*Assistant Professor in Lati*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of Californi summer, 1922; A.M., University of Illinois, 1925; Summer sessio American Academy in Rome, 1927; Graduate study, University Colorado, summer, 1928; Vergil Cruise, summer, 1930; Gradua study, University of Maine, summer, 1935; Colorado State Teache College, summer, 1937; University of Colorado, summers, 1940 an 1941. (1914)

LENA BOYD ELLINGTON, A.M....*Assistant Professor in Social Science*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

EWELL WELDON FOWLER, M.S............*Instructor in Industrial Arts*
B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; Graduate study, University of Missouri, summers, 1939, 1940, 1941. (On leave for military service, February 1, 1944.) (1941)

JOHN OWEN HARLAN, B.Ed............*Instructor in Industrial Arts*
B.Ed., Eastern Illinois State Teachers College, 1941; Graduate study, University of Oklahoma, 1942-43. (Substitute instructor.) (March, 1944)

GERTRUDE HENDRIX, M.S., A.M....*Assistant Professor in Mathematics*
A.B., DePauw University, 1926; M.S. (Education), 1930; A.M. (Mathematics), University of Illinois, 1935. (1930)

JOHN ROBERT KING, JR., B.S.M...................*Instructor in Music*
B.M., B.S.M., Oberlin College, 1942. (Substitute instructor.) (November, 1943)

ICA MARKS, M.S...................*Instructor in Biological Service*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (1932)

ELLEN ELIZABETH MICHAEL, A.M.....*Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

WINNIE DAVIS NEELY, M.A............*Assistant Professor in English*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

ROBERTA LEE POOS, A.M............*Instructor in English and Speech*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (1935)

MARVIN FRANK SMITH, M.A.......*Instructor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940. (1940)

HELEN L. TAYLOR, M.A........................*Instructor in English*
B.S. in Ed., University of Minnesota, 1925; M.A., Creighton University, 1941. (Substitute instructor.) (1943)

PARIS JOHN VAN HORN, M.S.........................*Athletic Coach and Instructor in General Science*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 1938, 1940, and second semester, 1941-42. (1935)

AFFILIATED TRAINING SCHOOLS

HANS CHRISTIAN OLSEN, Ph.D. .... *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Columbia University, 1926. (1938)

Charleston High School

U. B. JEFFRIES, A.M.... *Superintendent of Charleston Public Schools*
A.B., Indiana University, 1920; A.M., University of Wisconsin, 1931 Graduate study, New York University, summers, 1935, 1936, 1937 1938, 1939, 1942. (1941)

JUNE WENDELL PRICE, M.S....... *Principal, Charleston High Schoo*
B.S., 1939, M.S., University of Illinois, 1942; Graduate study, University of Illinois, summer, 1943. (1943)

WALTER RICHARD DENT, A.B.................................. *Scienc*
A.B., Culver-Stockton College, 1925; Graduate study, University o Missouri, 1928, summers, 1931, 1932. (1943)

DORIS MARSOME NICKEL, B.S............................. *Commerc*
B.S., Indiana State Teachers College, 1939; Graduate study, Columbia University, summer, 1941; Indiana University, summer, 1943 (1942)

MARY ELLISON ROACH, A.B............................... *Commerc*
A.B., MacMurray College, 1941. (1943)

Humboldt High School

KENNETH JONES FRASURE, M.A...................... *Superintendent Humboldt Public Schools, History and Geograph*
B.Ed., Southern Illinois State Normal University, 1937; M.A., University of Illinois, 1940; Graduate study, University of Illinois, summers, 1942, 1943. (1943)

RUTH AILEEN BROOKHART, B.Ed......................... *Commerc*
B.Ed., Eastern Illinois State Teachers College, 1942. (1942)

WILLIAM ROBERT MAGUIRE, B.Ed........... *Mathematics and Scienc*
B.Ed., Western Illinois State Teachers College, 1937; Graduate study University of Illinois, summers, 1940, 1941. (1942)

ANNA MAY MARBLE, B.Ed......................... *Home Economic*
B.Ed., Eastern Illinois State Teachers College, 1942. (1943)

MARY ELIZABETH POORMAN, B.A............................ *Englis*
B.A., DePauw University, 1932; Graduate study, University o Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

E. ELIZABETH FRASURE, M.A............................... *Grades 5-*
B.S., South Eastern Missouri State Teachers College, 1935; M.A University of Colorado, 1940; Graduate study, University of Colorado, summer, 1941. (1943)

EILEEN GILLIAM, B.S...................................... *Grades 1-*
B.S., Murray (Kentucky) State Teachers College, 1935; Graduat study, George Peabody College for Teachers, spring 1938 and summers, 1938, 1939. (1942)

Kansas High School

John C. Roberts, M.A.... *Superintendent of Kansas Public Schools*
A.B., Illinois College, 1925; M. A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940; University of Illinois, summer, 1941, year 1941-42. (1940)

Juanee Swearingen Boll, B.Ed................ *Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939; University of Illinois, summer, 1942. (1940)

Mrs. Harry Stewart, Jr., B.S......................... *Commerce*
B.S., Indiana State Teachers College, 1940. (1942)

Rural Schools

Mabel Bradham, B.Ed................. *Clear Springs Rural School*
B.Ed., Southern Illinois State Normal University, 1942. (1942)

Glenna Juanita Albers, B.Ed............ *Oak Grove Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-39. (1937)

Mary Louise Hinman, B.Ed............ *Muddy Point Rural School*
B.Ed., Western Illinois State Teachers College, 1941. (1943)

Extension

Bryan Heise, Ph.D	*Director of Extension, Education*
Donald Rhodes Alter, Ph.D	*Social Science*
Rudolph D. Anfinson, Ph.D	*Music*
Harold Maxon Cavins, Ed.D	*Biological Science*
Charles Hubert Coleman, Ph.D	*Social Science*
Earl Samuel Dickerson, Ed.D	*Commerce*
Edith Crawford Haight, Ph.D	*Physical Education*
Ruby Mildred Harris, S.M	*Geography*
Katherine Switzer Humphrey, M.A	*Commerce*
Walter A. Klehm, Ed.D	*Industrial Arts*
Elizabeth K. Lawson, Ph.D	*Education*
Isabel McKinney, A.M	*English*
Hans Christian Olsen, Ph.D	*Education*
James Glenn Ross, Ph.D	*Speech*
Donald Allen Rothschild, Ph.D	*Education*
Glenn Huron Seymour, Ph.D	*Social Science*
Hiram Frederick Thut, Ph.D	*Biological Science*
Howard DeForest Widger, Ph.D	*English*
William G. Wood, Ph.D	*Social Science*
William H. Zeigel, Ph.D	*Education*

EMERITUS FACULTY

Ellen A. Ford, A.M.	*Dean Emeritus*
Fiske Allen, A.M.	*Professor Emeritus*
Simeon E. Thomas, LL.D.	*Professor Emeritus*
Annie Laura Weller, A.B., S.B.	*Professor Emeritus*
Albert B. Crowe, A.M.	*Associate Professor Emeritus*
Edith E. Ragan	*Assistant Professor Emeritus*
Anabel Johnson, A.M.	*Instructor Emeritus*
Gilberta Coffman	*Instructor Emeritus*
Anna Holden Morse	*Instructor Emeritus*

I. GENERAL INFORMATION

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, and the prospective teacher is expected:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above accomplishments into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running west through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Paris and Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion.

A bus line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year. Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school. In 1943, eighty-four students were graduated with the Bachelor of Education degree and twenty-six students received the Junior College diploma.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 and in 1944 an eight weeks summer term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. In 1943 an eleven weeks' summer term was offered, divided into two half terms—the first term of six weeks and the second term of five weeks. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree o Bachelor of Education (B.Ed.) were announced in 1920. Beginning with the class of 1944 the degree was changed to Bachelor of Science in Education (B. S. in Ed.)

BUILDINGS AND GROUNDS

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These ground are considered exceptionally beautiful. A natural grove and othe fine trees, a wide stretch of green, many borders of shrubbery an perennials, and a formal garden present a succession of picture throughout the year. In the main grounds are the tennis courts, th children's playground, and the formal garden. The forest plantation planted during the early years of the institution, now includes severa acres of trees, much used in botanical and zoological studies, a picni ground, and a rock garden. In the adjoining athletic field are th football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campu in 1931 through an appropriation of $21,600 made by the Genera

Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house was used as a co-operative dormitory by a group of men students until it burned in the spring of 1942.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The General Assembly of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The General Assembly of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The General Assembly of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing, and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. The library contains over 55,000 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of more than 300 periodicals, including many devoted to special subjects. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. Four librarians are in charge. Lessons in the use of the library are required in all curricula as explained in the Description of Courses.

A children's library of about 4,000 books, in charge of a children's librarian, occupies a commodious room at the north end of the third floor of the Training School Building.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois. The College is also an institutional member of the American Council on Education.

EXPENSES

Tuition is free to legal residents of Illinois who are pursuing a regular curriculum. Tuition of $15.00 a quarter in addition to all fees described below is required of others.

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see p. 29)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. Laboratory fees may be charged students taking certain courses to cover supplies and breakage.

A towel deposit of seventy-five cents is required of each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

Candidates for graduation must make application for graduation at the Registrar's Office and pay the $5.00 graduation fee by April 1. This fee covers all graduation expenses, including use of cap and gown.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; a charge of $1.00 is made for additional copies of this transcript sent later.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The College operates a rental library which provides textbooks at unusually low cost. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of 50 cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of 50 cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for $2.00 to $3.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable quarterly in advance. For table board, $90.00 a quarter is charged, payable monthly in advance ($30.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $7.50 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Housing Bureau. The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected, and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

Students are required to live in approved houses except when speccial permission to room elsewhere has been secured from the Dean of Men or the Dean of Women. The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the college.

SCHOLARSHIPS

Military Scholarships. Members of the armed services during World War I or the present war who were residents of Illinois at the time of entering the service and who hold honorable discharges are eligible for scholarships which exempt them from the payment of the registration fee ($10.00). Holders of such scholarships pay the student activity fee of $6.00 and the book rental fee of $3.50.

Normal School Scholarships. These scholarships were authorized by an act of the General Assembly in 1935 stating that:

> There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of

five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.

The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships must make application for enrollment in the college by August 15. The scholarship is forfeited if the holder is not enrolled within ten days after the opening of the quarter.

Holders of Normal School Scholarships pay only the student activity fee of $6.00 a quarter and the book rental fee of $3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters during the calendar year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50. The scholarship must be presented on registration day.

University of Illinois Graduate Scholarship. The University of Illinois offers a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred and fifty dollars. The student nominated by the faculty for 1943-44 was Marguerite Little, a major in English.

The Florence Vane Skeffington Scholarship. In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English. The award for 1943 was made to Kathryn Elizabeth Dively.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1943-44 was made to Rebecca Jean Henderson.

Pi Omega Pi Scholarship. In order to further interest in scholarship, the Alpha Chi Chapter of Pi Omega Pi awards annually ten dollars ($10.00) to the freshman Commerce major who at the end of the winter quarter has attained the highest general scholastic average. In order to qualify for the award, the student shall also have attained at least an average of B (2.0) in commerce and hold active membership in the Commerce Club.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 has been amended to read as follows:

Section 1. It is the duty of the Department of Registration and Education to provide, insofar as moneys are appropriated to it for such purposes, for matriculation and tuition fees, board, room rent, books and supplies fo the use and benefit of children, not under sixteen and not over twenty-tw years of age, who have for twelve months prior to their application for these benefits had their domicile in the State of Illinois, of World War I veterans who were killed in action or who died between April 6, 1917, and July 2 1921, and of World War II veterans who were killed in action or died afte December 6, 1941 and before the cessation of hostilities of such war, as a result of service in the Army, Navy, or Marine Corps of the United States, o from other causes in World War I or World War II; which orphans are attending or may attend a state educational institution of a secondary o college grade, a business college or any high school, vocational trainin school or other educational institution in this State where courses of instruction are provided in subjects which would tend to enable such orphans t engage in any useful trade, occupation or profession. Said children shal be admitted to state institutions of secondary or college grade free of tuition **Provided however**, that not more than one hundred and fifty dollars ($150.00 shall be paid for any one child for any one school year.

Application blanks to benefit from this act may be obtained fron Mr. Frank G. Thompson, Director of the Department of Registratio and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Easter Illinois State Teachers College makes it possible for a student in th junior or senior year to borrow, at a low rate of interest on a persona note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, ther is given to the Student Loan Fund the annual income from about si thousand dollars, which is one-seventh of the estate. An additiona amount will be received at the death of certain heirs.

In 1934 there was left to the college by the will of the late Joh L. Whisnand of Charleston, upon the death of his widow, a portion his estate as an endowment, the income from the endowment to b available for financial assistance to deserving students. The amoun in trust with The Charleston National Bank as trustee is $5,765.91.

The Adelia Carothers Fund. A fund known as "The Adeli Carothers Fund" has been established by Mrs. Ida Carothers Merria and Mr. Charles G. Carothers in memory of their mother. This fun is to be loaned to young women students of high character and schola ship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college ar an important agency for developing initiative, and for organizin ability and teamwork on the part of prospective teachers, the a ministration makes an effort to induce every student to participat Activities that increase interest in departmental or subject-matt fields, in music, in dramatics and public speaking, in journalism, i organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare. It consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities and the Student Health Service are financed by a Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Eastern Teachers News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler.* This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic and Sports Board, the Forensics and Dramatics Board, the Music Activities Board, Health and Hospitalization Board, Student Publications Board, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the College to the State Teachers College Board.

HEALTH SERVICE

The College Health Service maintains offices and examination rooms in the Health Education Building. This service supervises the annual physical examination and general health condition of students as recommended by the American Association of Teachers Colleges. Students are afforded seven days of free care in a ward of the local hospital upon recommendation of the Health Service.

ENTERTAINMENT COURSE 1943-44

October 20	Cleveland P. Grant, Lecturer
January 6	Ruth Page, Dance Recital
March 8	Joseph Wagner, Pianist
March 23	Earl Spicer, Baritone

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the

Department of English, or by written application to the Board of Student Publications. For the last thirteen years *The Eastern Teacher News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position "first class" in the ranking of the School of Journalism of Columbi University. In 1935 and 1937-1943, the high position of medalist wa achieved in the Columbia rating as well as All-Columbian, 1936-194 *The Eastern Teachers News* is a member of the National, the Columbi University, and the Illinois College press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. A student editori and business staff, supervised by a faculty adviser, is responsible fc the publication. Staff membership is open to any student in colleg *The Warbler* of 1937, 1938, 1939, 1940, 1941, and 1943 was rated medalis by Columbia University, and All-American rating by the Nationa Scholastic Press Association was given to *The Warbler* of 1938, 193 and 1943.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of studen social affairs and is responsible for arranging the social calendar, fo maintaining a balanced social program, and for exercising genera supervision of all social activities of the college. Social functions ar scheduled on the social calendar after approval of the committee. N social affair may continue after midnight on Saturday night. The Dea of Women and the Dean of Men are the faculty members charged wit directing the social welfare of the student body, and are members c the Social Activities Board.

The general social life of the college is carried on by The Men' Union and The Women's League, working in cooperation with th Dean of Men and the Dean of Women. The major activities are i turn governed by a series of nine other boards made up of facult and students, with duties implied in the names given them. Th boards for 1943-44 are:

Board	**Chairman**
Apportionment	Earl S. Dickerso
Athletics and Sports	Charles P. Lant
Entertainment	Glenn H. Seymou
Forensics and Dramatics	J. Glenn Ros
Health and Hospitalization	Mary E. Thompso
Music Activities	Rudolph D. Anfinso
Social Activities	Elizabeth K. Lawso
Student Publications	Franklyn L. Andrew

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promot all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. It is governed by a Council of Nine, elected by the membership at large and representing each of the four classes.

ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. A well-organized program of intra-mural games for men is carried out.

Varsity Club. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

Women's Athletic Association. The purpose of this association is to advance the standards of sportsmanship and promote athletics. It is organized into clubs, such as hockey, soccer, badminton, bowling, basketball, baseball, archery, golf, tennis, social dancing, and the modern dance. Any woman is eligible for club membership and a W. A. A. letter is awarded to those who receive credit in eight clubs. The organization sponsors co-educational recreation activities, "Sports Days" with other colleges of the state, and a spring dance recital.

SPEECH ACTIVITIES

Dramatics. The college dramatics organization is known as "The Players." Its leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The auditorium in the Health Education Building has a large stage with modern equipment.

Forensics. Eastern's intercollegiate forensic affiliations include Pi Kappa Delta, a national honorary society, the Illinois intercollegiate Debate League, and the Illinois Intercollegiate Oratorical Association.

In 1943 Eastern was represented at the Pi Kappa Delta Provincial Convention held at Normal. Eastern won second in the State Extempore Speaking Contest and fourth in the State Oratory Contest. In 1944 Eastern won third in the invitational discussion contest held at Normal, and was host to the Seventh Annual Invitational Debate Tournament.

Radio. In the 1944 "Eastern Hour" radio broadcasts each Saturday afternoon, Eastern students gained much valuable experience in radio speaking and contributed to the educational service of the College to eastern Illinois.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the A Cappella Choir, the Men's Glee Club, and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and re-creating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs throughout the year, uniting to present the "Messiah" at Christmas in alternate years, and an oratorio or opera in the spring. The Glee Clubs, the College A Cappella Choir, the Orchestra, and the Symphonic Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Alpha Beta Gamma, a student branch of the National Association of Childhood Education, the purpose of which is to promote the education of young children, was organized in September, 1941. Anyone majoring in elementary education is eligible to become a member of the organization.

Art Club, an organization of art majors and minors, and other students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

Country Life Club, a student organization interested in developing leadership in and through recreational and social activities such as community sings, folk dances, games, and dramatics. It aims also to develop mutual understanding and appreciation of rural and city communities through discussions, talks, and moving pictures. By tradition, members are responsible for the success of the club.

Eastern State Club, campus organization formed in 1937, whose membership is limited to thirty-five students, directs its efforts toward promoting greater student, faculty and alumni interest in college affairs. It constantly searches for worthwhile things to do which will contribute to the progress of the College. Activities have included the preparation of a design for college pennants, and the sale of these; preparation of the complimentary souvenir programs for the Silver Jubilee Homecoming; election each fall of a Football Greeter; distribution of posters and other promotional work for important campus events; assistance in the management of athletic events; decoration of the college towers for the Christmas holiday season; and introduction of the plan for electing Marshals and Aides in the Junior Class. Early in 1940, the organization voted to elect one faculty member to honorary membership each year. Honorary members are President Robert G. Buzzard, Winnie Davis Neely, Elizabeth K. Lawson, and Hobart F. Heller.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, an organization for young women enrolled in home economics with its primary objective to further the professional and social life of its members.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty, and others interested in music education. The activities of the organization are planned to promote professional interest in the field and to give a purposeful perspective to those planning to teach.

The Players is open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students majoring in botany, zoology, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

Sigma Delta—a local journalistic club—was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is open to all students interested in journalism. Faculty and townspeople are welcome to attend meetings during which special speakers are presented.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

NATIONAL HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, an international honor society in education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in industrial arts, was installed May 25, 1933. Membership is limited to students with high scholarship in industrial arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon, a national professional fraternity in mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in dramatics, was installed June 6, 1938, Membership in this society is awarded on the basis of merit in dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of Kappa Pi, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Pi Kappa Delta—Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of Gamma Theta Upsilon, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES AND SORORITIES

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929-1941, it existed as Fidelis, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life.

Sigma Sigma Sigma, Alpha Psi Chapter, a national teachers college sorority, was installed February 28, 1942. Previous to going national it existed for three years as Alpha Tau Nu, a local sorority. There is a strong alumnae group in an effectively organized chapter. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities

Delta Sigma Epsilon, Alpha Nu Chapter, a national teachers college sorority, was installed March 13, 1943. Previous to going national it existed for two years as Chi Delta Gamma, a local sorority. Since its affiliation with the national organization the chapter has had a sorority house occupied by the undergraduates and used as headquarters for the alumnae. It has a large, strong alumnae group and an active membership of about twenty-five. Members are chosen for their scholastic ability, leadership, and talent for living.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student organizations.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president.
Editor of the Warbler or News.
Business Manager of the Warbler or News.
President of a fraternity or sorority.
Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. Any student falling below the academic standing required of athletes is not permitted to take part in extra-curricular activities or organizations.

ALUMNI ORGANIZATIONS

The Alumni Association. The officers of the Alumni Association are: Mr. Arthur C. Forster, '23, President and Chairman of the Executive Committee; Mr. Theodore Cavins, '26, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

The Chicago Alumni Club. The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the president, Theodore Cavins, Lake Forest High School, Lake Forest, Illinois.

The Associated Eastern State Clubs. The Associated Eastern State Clubs consist of twenty-one groups composed of graduates and former students. With the exception of the Springfield Club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program.

The affairs of the Associated Eastern State Clubs are directed by an executive council. The current membership of the Council consists of Miss Florillo Gard, '39, Casey, Chairman; Mr. Arthur Forster, '23, Paris; Mr. Harold Cottingham, '35, Bloomington, Indiana; Mr. U. L. Evans, '42, Shelbyville; Mr. Everett L. Clinard, '33, Oblong; Mrs. Thomas Manuell, '12, Decatur; Mr. Theodore Cavins, '26, Lake Forest; Mr. Stanley Elam, '38, Willow Hill; Miss Janet Southard, '26, Tuscola; Dr. William Zeigel, Charleston, Secretary-Editor and Ex-Officio Member of Council.

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them to secure well-qualified teachers. It serves students and alumni by assisting them to secure positions.

The Bureau of Teacher Placement furnishes to prospective employers information needed in considering applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and references from faculty members and the home community.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

The following new certificating law for teachers was passed by the General Assembly in July, 1941. This Act repeals the old certificating law and went into effect on July 1, 1943.

I. A limited elementary school certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.*

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* Students planning to take the state examination for certificate to teach in the elementary or rural schools at the end of two years of college work should have their course to fit their individual needs planned by the dean or registrar when they enroll.

(B) Applicants who hold a bachelor's degree in elementary education with a minimum of sixteen semester hours in education including at least five semester hours in student teaching.

II. A limited kindergarten-primary certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.

(B) Applicants who hold a bachelor's degree with at least sixty semester hours in a recognized kindergarten-primary train-school with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching.

III. Graduation with the degree from a high-school curriculum gives a limited high-school certificate.

IV. If the student has taught successfully for four years he may also have a supervisory certificate.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

Note: For certification and graduation requirements relative to scholarship, see pp. 45 and 47.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE
SIXTY SECOND GENERAL ASSEMBLY

Analysis of Main Features of Certificates	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
	NAME OF LIMITED CERTIFICATE						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. SCOPE OF VALIDITY:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching;	Teaching; supervision	Teaching; supervision kindergarten	Teaching	Teaching	Teaching
(c) Grades of school system	1-12	7-12	1-12	1-3	1-8	7-12	13-14
II. REQUIREMENTS FOR ISSUE ON CREDITS:							
(a) College semester hours	120	120	120[1]	120[2]	120	Prescribed by Board[6]	Master's[8]
(b) Semester hours in education	16	16[3]	16[3]	16[3]	16[3]	0	20
(c) Teaching experience	4 yr.	0	0	0	0		0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth	15 15 15 120[9]	Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:							
(a) College semester hours			60[5]	60[5]	60[5]		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—							
1. First renewal			Success; growth	75	75		
2. Second renewal				90	90		
3. Third renewal, etc.				120	120		
IV. CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:							
(a) Years of successful experience	Super. 4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life Kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.
[2] Including 60 semester hours in a recognized kindergarten-primary training school.
[3] Including 5 semester hours in practice teaching.
[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates
[5] Ten semester hours in education, of which five shall be in practice teaching.
[6] Must meet requirements of Examining Board.
[7] Two years of which shall have been in Illinois.
[8] Including major in field taught.
[9] Including 16 semester hours in education.

II. INSTRUCTION

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college proper and the Training Schools. Several public schools in nearby communities are Affiliated Training Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clear Springs, Muddy Point, and Oak Grove, the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, the Kansas Community High School, and the Charleston High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each. In addition there is a summer term of eight weeks.

REGISTRATION

Orientation Program for New Students: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in Room 216 in the Science Building at nine o'clock on Monday morning, September 11, 1944. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any student who registers later than Monday is required to pay a late registration fee of one dollar.

Upper classmen are urged to complete their registration during the morning of September 11.

Classwork for all students starts at eight o'clock, Tuesday morning, September 12.

ADMISSION REQUIREMENTS

Admission to Freshman Class: Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Probationary Freshman Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in freshman year.

Transfer Students. Students transferring from other colleges must present high school and college credentials and are given advanced standing only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.

PEMBERTON HALL

A VIEW OF SOUTH CAMPUS

Students dropped or on probation from other colleges for scholastic or disciplinary reasons are admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

A registration permit is mailed to each prospective student when his application for admission and his record have been checked and filed.

GRADUATION

Degree. The degree of Bachelor of Science in Education (B.S. in Ed.) is conferred upon successful completion, subject to the rules given below, of the requirements of any of the four-year curricula described in this bulletin.

Each curriculum prescribes one hundred ninety-two quarter hours of regular courses, together with one quarter hour in library use (Library 120) and required courses in physical education. Two of the curricula, Commerce and Elementary Education, require, in addition, a one quarter hour course in penmanship (Commerce 120).

Prior to September, 1943, students were required to take physical education during the six quarters of their first two years of residence, and to present for graduation, therefore, six quarter hours in physical education. Beginning with the fall quarter of 1943 all students are required to take physical education during every quarter of residence. The number of quarter hours of physical education required for graduation is thereby modified to equal the total number of quarters in which the student was, or should have been, registered for the work during his total period of residence.

Credit earned in dramatics or in musical organizations is in excess of the total required for graduation, except for "ensemble" credit given to students with a major or a minor in music.

Correspondence courses taken through accredited colleges or extension courses taken either through this institution or other accredited colleges are accepted toward a degree provided such courses are in harmony with curriculum requirements and provided the total of such work accepted does not exceed forty-eight quarter hours.

Credit earned in residence in other accredited colleges is accepted toward a degree provided it is in harmony with curriculum requirements and provided that no senior whose grade point average is less than 1.0 may transfer such work for credit.

A year of residence work (Senior College credit) is required for the degree.

One-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This is a standard of the American Association of Teachers Colleges.

Scholarship requirements for graduation are given in the next section.

The University of Illinois admits to full graduate standing graduates of the Teachers College who present twenty semester hours (thirty quarter hours) of content courses in one major academic subject other than education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

Diploma. The junior college diploma is awarded upon successful completion of the two-year general curriculum outlined in this bulletin, with a grade point average of 1.0 or higher, and with three-fourths of the grades C or above. At least one year of residence work is required for the diploma.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each senior in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. **No names will be added to the list of candidates for graduation after April 1.** A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

A graduation fee of $5.00 is due and payable by April 1 from all candidates for graduation. This fee covers all graduation expenses, including use of cap and gown.

Registration with the Bureau of Teacher Placement is a graduation requirement.

A photograph, size not larger than 1½"x2½", is required of each candidate for graduation for the files of the Registrar's Office.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, Withdrew[3]	0 grade point
F, Failure	—1 grade point

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[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time **without the written permission of the Dean of the College** entails a grade of F (Failure).

I. **Graduation Honors.** These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year and the sophomore year in the case of Junior College diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his academic courses and B average in the remainder.

Graduation with honors requires a grade of A in one-half of the student's academic courses; B or higher in one-fourth of his academic courses; and C average in the remainder.

Graduation honors are noted on the diploma and announced at Commencement.

II. **Scholarship Honors.** Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. **Admission to Student Teaching.** 1. For registration for student teaching in any quarter in any curriculum a student must have a C (1.0) average or higher.

2. Students transferring from other colleges must be in attendance at least one summer term or one quarter during which they earn sixteen quarter hours of credit. They must have a C average, or higher, for all their work and meet all the other requirements that apply to eligibility for student teaching.

3. Students who meet all the requirements may be admitted to student teaching in the sophomore or junior year with permission of the Dean and the Director of Teacher Training.

4. No student may be admitted to student teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education, Library 120, and Commerce 120.

5. No junior or senior is eligible to take student teaching until he has completed Library 120. Students in a four-year elementary or commerce curriculum must also have completed Commerce 120 before being eligible for student teaching.

IV. **Certification and Graduation Requirements.** C average (1.0) is required for graduation and certification. Not more than one-fourth of the student's grades may be D.

An average of C in the major subject is also required for graduation.

V. **Extra Work.** No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking student teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. **Probation.** A student whose grade points in academic courses total less than two in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college. Students on probation are not permitted to take more than three courses each quarter.

A student is considered to be on probation during a quarter if in the preceding quarter he received in regular four quarter hour courses:*

1. A total of less than two grade points.
2. Three grades of D.
3. A grade of F in one course and lower than C average in the remaining courses.
4. Grades of F in two courses.

Summer Term Probation. Students who fail in one course and have less than C average in the remaining course, or who receive two grades of D are on probation for the following quarter.

VII. **Exclusion.** A student who fails in three courses, twelve quarter hours, in any quarter, is dropped from the college.

A student who has been on probation for two consecutive quarters and whose grades at the end of this period would place him on probation again is excluded from attendance for a period of one calendar year unless he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another institution.

VIII. **Withdrawal.** A student who wishes to withdraw from the College before the end of a quarter must notify the Registrar at the time of withdrawal. Such a student will receive grades of W in all courses, except that if the withdrawal takes place after the close of the eighth week of the quarter, grades of W will be recorded only for courses in which he is doing passing work; grades of F will be recorded for courses in which he is failing.

If a student discontinues attendance in all classes without notifying the Registrar of intention to withdraw from the College, grades of F will be recorded in all courses, and his record will be marked "Dropped for low scholarship" if transferred to another institution.

IX. **Attendance at Classes.** Students are expected to attend all classes for which they are registered unless prevented by illness or some other urgent reason. Students who have been absent because of illness must present a permit from the Health Service upon returning to classes.

No student may register for any course not scheduled on the program.

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* Music students and others whose curricula prescribe courses of one and two quarter hours will have their probation status determined after weighting the grades in such courses.

EXTENSION SERVICE

The organization of Extension courses has made it possible for the College to assist teachers in service to continue their education. Extension work to the extent of not more than 48 quarter hours of credit is acceptable toward graduation.

Organization. Classes may be organized in communities in which twenty or more students can agree upon an acceptable course. The courses offered are usually on junior or senior year level, but freshman or sophomore courses may be offered if desired.

Entrance. The courses are open to (1) high-school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon previous attendance at the Eastern Illinois State Teachers College.

Credit. Classes meet two and one-half sixty-minute periods a week for sixteen weeks. Four quarter hours of credit are given upon satisfactory completion of a course.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for textbook rental. When textbooks cannot be supplied by the college textbook library the rental fee is waived and the members of the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours). The normal load in one quarter is 16 quarter hours of prepared work.

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation except for those whose major or minor is music. Such students receive certain stated credits under the title "Ensemble."

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300-399, junior courses; 400-499, senior courses.

MAJOR AND MINOR SUBJECTS

In the curricula for high-school teachers, a student takes at least 36 quarter hours of work in a major subject exclusive of courses in methods and in practice teaching and 24 quarter hours each in one or two minor subjects. In some cases the minor subjects are specified by the department of the major subject and in other cases left to the student's choice. The courses in the minor subjects must constitute two years' work in some one department or related field. One of the three terms of practice teaching should be in a minor subject.

A student may take the Bachelor of Science in Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have an academic minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

ELECTIVES

Each curriculum provides for a number of elective courses. Students are urged to use their electives, in the main, to build additional minors.

A few courses are not accepted as electives in certain curricula. These exceptions are noted in the description of courses.

DESCRIPTION OF CURRICULA

I. TWO-YEAR CURRICULA

1. Two-Year General College Curriculum.

A two-year general college curriculum is offered for students who have not definitely chosen a teaching field, or who wish merely to take two years of general college work. By proper choice of electives students who complete this curriculum are able to complete the requirements for a degree in Botany, Chemistry, English, Foreign Languages, Geography, Mathematics, Physics, Social Science, Speech, or Zoology in two additional years. Students who do not wish to continue at Eastern may, upon satisfactory completion of the curriculum, be awarded a junior college diploma.

FRESHMAN YEAR	SOPHOMORE YEAR
English 120, 121, 125	Social Science 233, 234, 235
Laboratory Science[1]	Foreign Language[3]
Elective[2]	Elective[4]
Elective[2]	Elective[5]
Physical Education	Physical Education
Library 120	

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[1] May be one year of Botany, General Biology, Physics, Chemistry, Zoology, or General Physical Science.

[2] Must be selected so that the four subjects are in four different fields. Courses in Education may not be counted as electives.

[3] If the student has had two years of foreign language in high school he may substitute an elective.

[4] Must be the second year in some subject studied during the first year.

[5] May be the second year in some subject studied during the first year. No more than two years of work may be done in any vocational field.

2. Two-Year Curriculum for Students Who Wish to Take the Examination for a Limited Elementary Certificate.

Students who wish to take work preparatory to writing the examination for a Limited Elementary Certificate should have their programs arranged by the Dean or the Registrar.

II. FOUR-YEAR CURRICULA

. For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Mathematics 120, 121, Hygiene 120
Social Science 137, 138, 139
Biological Science 126, 127, 128
Commerce 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Art 130
ndustrial Arts 224, Education 228, Art 224 (124)
Physical Science 100, 101, 102
Education 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Education 343, 324 (224), 325 (225)
Social Science 233, 234, 235
Geography 221, 236, Music 228
Elective, Elective, Indus. Arts 225
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348*, Speech 345
Education 447, Elective, Education 344
Advanced Elective (Year)
Physical Education (Year)

* Or English 343 or 344 or 449.

Notes: 1. Those preparing for the lower grades should choose English 22 instead of English 124 or 126.

2. Students preparing for rural school teaching take student teaching n an affiliated rural school.

. For Preparation of High-School Teachers

The "core" of the four-year curriculum for high-school teachers is he same in all departments with the exception mentioned in the foototes. In order to aid students who may wish to transfer from one major to another, these requirements are listed below:

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)*
Major Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
English A
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345
Major Subject (Year)
Minor Subject (Year)
Physical Education (Year)

This leaves a minimum of 10 electives.

* At least one of the quarters in Social Science must be chosen from ocial Science 233, 234, 235.

Note: There are a few exceptions to the above requirements which are oted in the outline of the major field.

An examination in English, covering the elements of good form and of rganization, is required of all juniors, and will be given during the fall r winter quarters. Students who do not pass this examination must take emedial work in English (English A) before they will be admitted to any eaching course.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The creative work is emphasized in design, color, and drawing, and their many applications. Courses in history and appreciation are given as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, Soc. Sc. 233 or 234, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 236, 237, 238
Art 234, 226, 233
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350
Physical Education (Year)

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344
Physical Education (Year)

Requirements for a Minor in Art:

Elementary Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 224 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(1) SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)
Physical Education (Year)

(2) ACCOUNTING

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T, Commerce 340I
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Minor Subject (Year)
Physical Education (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112[1] or Commerce 210, 211, 212
Commerce 123, 124, 125[1] or Commerce 223, 224, 225
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230[1], 231, 232
Social Science 233, 234, 235
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T, Commerce 340I
Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)
Physical Education (Year)

[1] Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce: accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students with a major in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students with a major in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR

Hygiene 120, English 121, 126
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Social Science 233 or 234, English 340
English 343, 344, Art 351
English 346, 347, 348
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451
Physical Education (Year)

Notes: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239); 346, 347, 348, 449 may be used for credit toward a minor in English, or other courses by arrangement. It is recommended that the following be always included: English 230 or 231, 234, 236, and 348.

D. FOREIGN LANGUAGE (Latin)

FRESHMAN YEAR

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (Year)

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Social Science 233 or 234, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)
Physical Education (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

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* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, 221, 130
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Geography 233, 231, 236
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 343, 447, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective, Elective Geography 340
Advanced Elective (Year)
Social Science 354, 355, Speech 345
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 130, 221, 231, 236 and 340G; for high school teachers, Geography 120, 130, 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Art 130, 131, Hygiene 120
Botany 120, Chemistry 130, 131
English 120, 121, 125
Home Economics 102, 101, 202
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 201, 203, Botany 235
Home Economics 232, 204 (301), 245 (2) and 246 (2) (446a and 446b)
Physical Education (Year)

JUNIOR YEAR

Physics 322, Social Science 330, Home Economics 340
Home Economics 347 (247), Art 344, Home Economics 344
Home Economics 346, 304, 345
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 453, Education 458, 343
Speech 345, Education 345, Social Science 233 or 234 or 235
Elective (Year)
Physical Education (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203, 232, 347.

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* A 1.5 average is required to qualify for teaching in Vocational schools.

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts 352 (348), 354, Elective
Education 343, 344, Elective
Social Science 233, 234, Speech 345
Physical Education (Year)

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hrs.), 365 (2 hrs.), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hrs.)
Physical Education (Year)

Notes: 1. An academic minor is required.

2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.

3. One of the three quarters in student teaching is required in the minor subject.

4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Mathematics 120, 132, 133
Mathematics 130, 131, 134
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134, 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

FRESHMAN YEAR

Music 146, 147 (236, 237), 125 (6 q. h.)
Music 123, 124 (4 q. h.), Hygiene 120
English 120, 121, 125
Laboratory Science (Year)
Applied Music (6 q. h.)
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 230, 231, 232
Music 236, 237 (336, 337), 238 (6 q. h.)
Education 230, 231, 232
Social Science (2 quarters)*, Music 228
Applied Music (6 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

JUNIOR YEAR

Music 351, 352, Music 337 (339) (2 q. h.)
Music 356 (338) (2 q. h.), Music 340, Music 347 (2 q. h.)
Education 343, Speech 345, Education 345
Minor Subject (Year)
Applied Music (5 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

SENIOR YEAR

Music 449, 450 (4 q. h.)
Teaching 441, 442, 443
Minor Subject (Year)
Advanced Elective (Year)
Applied Music (4 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Notes:

1. Applied music (21 q. h.) including two years of Piano and two years of Voice is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

2. A student may be excused from any instrumental technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

3. Participation in the band, orchestra, and choir each quarter for four years is required. Credit is given at the end of the spring quarter of the last three years as indicated on p. 89

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449, 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 146, 147, 236, 237, 238, 337, 356 (three to five quarters); Music 347, 449, 450, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION (For Men)

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Anatomy 225, Physical Education 226, 227
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 345, Elective, Physical Education 340
Physical Education 347, 348, 349
Physical Education 344, Physiology 345, Physical Education 350
Education 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452, 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)
Physical Education (Year)

Requirements for a Minor in Physical Education:

Physical Education 120, 122, 226, 227 (any three of these courses); Physical Education 347, 348, 349, 350, 452 (any three of these courses). Physical Education 121 may be substituted but is not recommended.

K. SCIENCE (Biological)

Note: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) Botany

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 346 (446)
Zoology 230, 231, 232 (or Zoology 343, 344, 345)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Note: Botany 345 may be substituted for Botany 346 (446) with permission of the instructor.

(2) Zoology

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132*
English 120, 121, 125
Mathematics 130, 131, 134
Elective (Year) (Preferably Physics 130, 132, 131)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)**
Elective (Year) (Preferably Mathematics 235, 236, 228)
Physical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 343, Elective
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Education 344, Elective (2 quars.)
Chemistry 446, 447, 448, or Chemistry 450, Elective (2 quars.)
Advanced Elective (Year)
Physical Education (Year)

** At least one quarter must be chosen from Social Science 233, 234, 235.

* Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for majors in a biological science).

Note: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Foreign Language (German or French). One year each of botany and zoology constitutes a teaching minor in Biological Science.

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 132, 131
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters)*, Education 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics, Chemistry, Foreign Language (preferably German). One year each of botany and zoology constitutes a teaching minor in Biological Science.

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Geography 120, 130, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (2 quarters), Social Science 340
Physical Education (Year)

SENIOR YEAR

Education 344, Elective (2 quarters)
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356, or 453, 454, 455
Physical Education (Year)

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or 354, 355, 356 or 343, 344, 345 or 363, 364, 365 or 366, 367, 368 or 453, 454, 455.

N. SPEECH

FRESHMAN YEAR

Speech 130, 135 (235), 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters)*, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Speech 345, 244 (444), 246 (346)
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 445, 331, 335 (435)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 433 (233), 434 (234), 431 (131)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

* One quarter must be chosen from Social Science 233, 234, 235 unless this sequence is chosen as the year of Social Science in the junior year.

Requirements for a Minor in Speech:

Speech 130, 132, 244, 331, 345, 433.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5. Holders of valid Lindly scholarships pay only $4.

Affiliated Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts, one village school, consisting of an eight-grade elementary department and a four-year community high school. The College is also affiliated with another four-year community high school and a four-year city high school.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Training teachers selected for the affiliated schools must be approved by both the district and the College. A part of each rural school training teacher's salary is paid by the College.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the Director of Teacher Training. Sophomores are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this College gradual participation is a part of, and a guiding principle in, the student teaching courses.

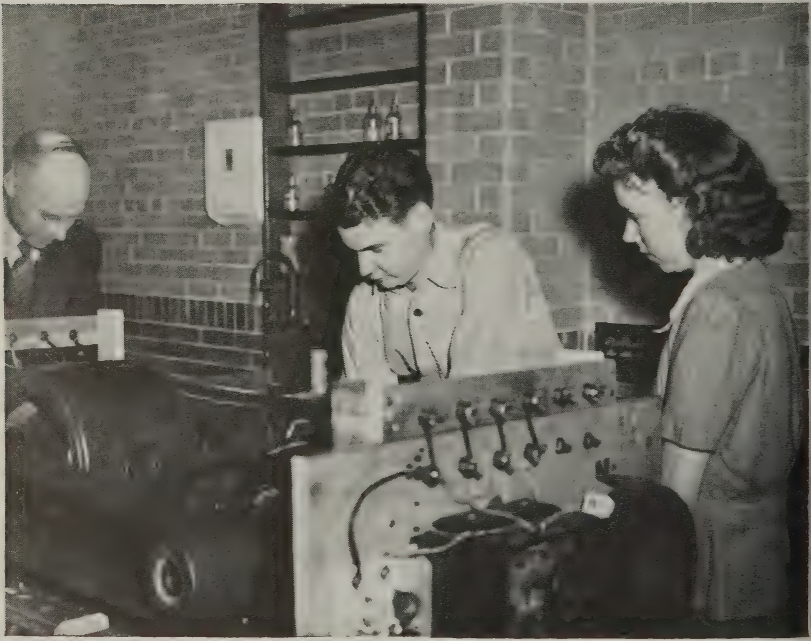
Supervised Student Teaching.—All students who desire to take the state teachers' examination before completing the required four years of work are required to take 100 clock hours of supervised student teaching. Candidates for the degree are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to student teaching see III under "Scholarship."

ARCHERY CLASS

GEOGRAPHY CLASS IN THE TRAINING SCHOOL

VIEW ON THE GOLF COURSE



PHYSICS LABORATORY

III. DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

130. INTRODUCTION TO ART. Fall and winter. (4 q. hrs.)

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and elementary curricula. Elective in other curricula.

131. DESIGN I. Winter. (4 q. hrs.)

The application of decorative design and color to weaving, block printing, lettering, and posters.

Required in the art and home economics curricula. Prerequisite: Art 130. Elective in other curricula.

132. DRAWING I. Spring. (4 q. hrs.)

Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 130. Elective in other curricula.

224 (124). ART FOR TEACHERS IN THE ELEMENTARY GRADES. Spring. (4 q. hrs.)

The teaching of art in the elementary grades with practice in adapting art principles, processes and projects to different grade levels; work in curriculum making and in providing art background for room activities; training in lettering, craft techniques, and figure drawing.

Required in the elementary curriculum. Prerequisite: Art 130. Elective in other curricula.

226. LIFE DRAWING I. Fall. (4 q. hrs.)

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula.

227. LETTERING. Fall. (4 q. hrs.)

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective. Prerequisite: Permission of instructor.

233. DRAWING II. Spring. (4 q. hrs.)

Free-hand drawing of still life, flowers, landscape, in pen and ink, and pastel.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula.

234. DESIGN II. Winter. (4 q. hrs.)

Applied design developing techniques in crafts such as textile decoration with stencil, batik and silk screen, and wood crafts. Use of substitute materials an important consideration. Relation of crafts to club and summer camp work and to occupational therapy.

Required in the art curriculum. Prerequisite: Art 131.

235. COSTUME DESIGN. Spring. (4 q. hrs.)

The designing of costumes for various types, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Elective. Recommended in the art and home economics curricula. Prerequisite: Permission of instructor.

236 (138). HISTORY AND APPRECIATION I. Fall. (4 q. hrs.)

A study is made of man's creative efforts in the visual arts, from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesopotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula. Elective in other curricula.

237 (236). HISTORY AND APPRECIATION II. Winter. (4 q. hrs.)

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula.

238 (237). HISTORY AND APPRECIATION III. Spring. (4 q. hrs.)

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula.

239. MODELING AND POTTERY. Fall. (4 q. hrs.)

The application of art principles to clay as a medium. The modeling of animals and figures, casting, and various processes of pottery making and finishing. Emphasis on structural and decorative design.

Elective. Recommended in the art and elementary curricula. Prerequisite: Permission of instructor.

340. METHODS IN HIGH SCHOOL ART. Spring. (4 q. hrs.)
Required in the art curriculum.

344. (144 and 444) HOME PLANNING AND FURNISHING. Winter. (4 q. hrs.)

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131. Elective in other curricula.

345. METHODS IN ELEMENTARY SCHOOL ART. Fall. (4 q. hrs.)

Practice in art processes adapted to different grade levels. Lesson, unit, and curriculum planning. Survey of art needs.

Required in the art curriculum. Should be taken in place of Art 224 by art minors in elementary curriculum.

346. LIFE DRAWING II. Fall. (4 q. hrs.)

Advanced work with costume model with emphasis on composition. Various media are used.

Required in the art curriculum.

350. PAINTING. Spring. (4 q. hrs.)

Water color, tempera, and oils are used.

Required in the art curriculum. Elective in other curricula.

351. ART BACKGROUNDS. Spring. (4 q. hrs.)

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Recommended in elementary curriculum. Elective in other curricula.

441, 442, 443. SUPERVISED STUDENT TEACHING IN ART. Every quarter. (4 q. hrs. for each course.)

A minimum of one quarter in the grades and one quarter in high school is required of art majors. One quarter each in the lower and upper grades and one in high school is recommended. Art 345 is prerequisite for teaching in the grades; Art 340 for high school. The first quarter of student teaching should be in the grades.

Required in the art curriculum.

447. COMPOSITION I. Spring. (4 q. hrs.)

The development of original work in decorative and pictorial design based on previous training in design, free-hand drawing, color, figure construction, and experience with various media.

Required in the art curriculum.

448. COMPOSITION II. Winter. (4 q. hrs.)

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum.

449. COMMERCIAL DESIGN. Fall. (4 q. hrs.)

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum.

453. PSYCHOLOGY OF ART. Winter. (4 q. hrs.)

The psychology of art as developed by research. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Standard and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula.

456. STAGE DESIGN. (4 q. hrs.) Omitted 1944-45.

Design and construction of scenery, costumes, lighting, puppetry, and masques.

Elective. Recommended in the art and speech curricula. Prerequisite: Permission of instructor.

458. ART SEMINAR. (4 q. hrs.). Omitted 1944-45.

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Elective. Prerequisite: Permission of instructor.

COMMERCE

I. Typewriting

110, 111, 112. TYPEWRITING. Fall, winter, spring. (4 q. hrs. for each course.)

Development of correct writing habits, typewriting of letters, telegrams, manuscripts, legal documents, tabulations. Speed requirements: 110, twenty net words per minute for five minutes with three errors or less; 111, thirty words per minute for ten minutes with five errors or less; 112, forty net words per minute for ten minutes with five errors or less.

210, 211. ADVANCED TYPEWRITING. Fall, winter. (4 q. hrs. for each course.)

Development of speed and accuracy. Speed requirements: 210, fifty net words per minute for fifteen minutes with eight errors or less; 211, sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent.

212. PRINCIPLES AND PROBLEMS OF OFFICE PRACTICE. Spring. (4 q. hrs.)

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor.

II. Shorthand

123, 124, 125. SHORTHAND. Fall winter, spring. (4 q. hrs. for each course.)

A first year course in Gregg shorthand. Speed requirement: sixty words per minute for five minutes, to be transcribed with 98 per cent accuracy.

No credit for less than a year's work.

223, 224. ADVANCED SHORTHAND. Fall, winter. (4 q. hrs. for each course.)

Development of speed and accuracy in taking dictation and transcribing shorthand. Speed requirement: 223, eighty words per minute for five minutes to be transcribed with 98 per cent accuracy; 224, one hundred words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 112 or its equivalent.

225. SECRETARIAL PRACTICE. Spring. (4 q. hrs.)

The course aims to promote finished performance in typewriting and shorthand and to acquaint the student with the duties of the secretary in business and the professions. Speed requirement: 120 words per minute for five minutes, transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223, 224.

III. Accounting

230, 231, 232. ACCOUNTING. Fall, winter, spring. (4 q. hrs. for each course.)

A first course in accounting. The balance sheet, profit and loss statements, single proprietorship, partnerships, changing partnership books to corporation books, financial and profit and loss statements.

330. COST ACCOUNTING. Fall. (4 q. hrs.)

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232.

331. ACCOUNTING TAX PROCEDURE. Winter. (4 q. hrs.)

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Elective. Prerequisite: Commerce 230, 231, 232. Not open to freshmen.

IV. Methods

340T. **METHODS OF TEACHING TYPEWRITING AND OFFICE PRACTICE.** Omitted 1944-45. (4 q. hrs.)

340S. **METHODS OF TEACHING GREGG SHORTHAND.** Winter. (4 q. hrs.)

340B. **METHODS OF TEACHING BOOKKEEPING AND BUSINESS ARITHMETIC.** Omitted 1944-45. (4 q. hrs.)

340I. **METHODS AND MATERIALS FOR TEACHING INTRODUCTION TO BUSINESS.** Spring. (4 q. hrs.)

441, 442, 443. **SUPERVISED STUDENT TEACHING IN COMMERCE.** Every quarter. (4 q. hrs. for each course.)

V. General Business Courses

140. **BUSINESS MATHEMATICS.** Fall. (4 q. hrs.)

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

141. **BUSINESS CORRESPONDENCE.** Spring. (4 q. hrs.)

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121.

444. **FOUNDATIONS IN BUSINESS EDUCATION.** Omitted, 1944-45. (4 q. hrs.)

445. **PROBLEMS IN BUSINESS EDUCATION.** Omitted, 1944-45. (4 q. hrs.)

446, 447. **BUSINESS LAW.** Fall, winter. (4 q. hrs. for each course.)

The courses deal with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; suretyship; insurance; bailments; carriers; sales; partnership, corporations; deeds of conveyance; mortgages; landlord and tenant; business crimes.

448. **SALESMANSHIP AND ADVERTISING.** Spring. (4 q. hrs.)

General salesmanship and retail store selling with the study of advertising as it applies to these two classes of selling.

Elective.

VI. Penmanship

120. PENMANSHIP. Every quarter. (1 q. hr.)

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the elementary and commerce curricula.

121. MANUSCRIPT WRITING. Summer. (1 q. hr.)

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in elementary curriculum.

EDUCATION AND TEACHING

I. Education

170. PSYCHOLOGY. (4 q. hrs.)

A modification of Education 231 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill.

201. PRINCIPLES OF SAFETY EDUCATION. Summer. (4 q. hrs.)

226. RURAL CURRICULUM PROBLEMS. Omitted, 1944-45. (4 q. hrs.)

Elective.

228. READING. Winter. (4 q. hrs.)

The development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the elementary curriculum. Prerequisite: Three quarters of education.

230. AN INTRODUCTION TO EDUCATION. Fall and winter. (4 q. hrs.)

A comprehensive survey of the field of education. The development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

Required in all curricula.

231. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Winter and spring. (4 q. hrs.)

A beginning course. The methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene, and individual differences.

Required in all curricula. Prerequisite: Education 230.

232. EDUCATIONAL PSYCHOLOGY. Winter and spring. (4 q. hrs.)

The first six weeks are devoted to a study of the learning process, and the second six weeks to a study of human growth and development.

Required in all curricula. Prerequisite: Education 230 and 231.

313. RURAL SCHOOL OBSERVATION. Summer. (4 q. hrs.)

Observation of a modern one-room school. Enrollment is restricted to juniors, seniors, or teachers actually in service.

Elective in the elementary curriculum.

324 (224). DIRECTED STUDY AND OBSERVATION OF TEACHING. Fall. (4 q. hrs.)

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management and instruction. Numerous observations in the Training School are an integral part of the course.

Required in the elementary curriculum. Prerequisite: Education 230, 231, 232.

325. PRIMARY EDUCATION. Spring. (4 q. hrs.)

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

Required in the elementary curriculum. Prerequisite: Twelve quarter hours in education.

343. PRINCIPLES OF EDUCATION. Every quarter. (4 q. hrs.)

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in all curricula. Prerequisite: Education 230, 231, 232.

344. TESTS AND MEASUREMENTS. Every quarter. (4 q. hrs.)

About one-third of the time is devoted to educational statistics. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: Sixteen quarter hours in education.

345. DIRECTED STUDY AND OBSERVATION OF TEACHING. Every quarter. (4 q. hrs.)

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the curricula for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232.

446. MODERN TRENDS IN EDUCATION. Omitted, 1944-45. (4 q. hrs.)

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested.

Elective. Prerequisite: Sixteen quarter hours in education.

447. SOCIAL PSYCHOLOGY. Spring. (4 q. hrs.)

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the elementary curriculum. Elective in other curricula. Prerequisite: Sixteen quarter hours in education.

448. SCHOOL ORGANIZATION AND ADMINISTRATION. Omitted, 1944-45. (4 q. hrs.)

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units.

School law and finance as well as current educational problems receive attention.

Elective. Prerequisite: Sixteen quarter hours in education.

450. SPECIAL EDUCATIONAL PROBLEMS. Summer. (4 q. hrs.)

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor.

451. ABNORMAL PSYCHOLOGY. Summer. (4 q. hrs.)

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: Twelve quarter hours in education.

454. TECHNIQUES OF GUIDANCE. Summer. (4 q. hrs.)

Elective. Prerequisite: Education 230, 231, 232, 343, and 344.

455. MENTAL HYGIENE. Summer. (4 q. hrs.)

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health, the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent.

458. HISTORY OF INDUSTRIAL ARTS AND HOME ECONOMICS IN EDUCATION. Winter. (4 q. hrs.)

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the Director of Teacher Training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)

Required of students who plan to obtain a limited elementary certificate by examination.

441, 442, 443. SUPERVISED STUDENT TEACHING IN THE MAJOR OR MINOR SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject and one in a minor subject is recommended. These courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all curricula.

ENGLISH

Note: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar the good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

A. FUNDAMENTALS OF ENGLISH COMPOSITION. Spring. (No credit.)

A remedial course for students who do not pass the Junior English examination. English 344 may be substituted and taken for credit upon recommendation of the head of the English department.

120. COMPOSITION. Fall and winter. (4 q. hrs.)

121. COMPOSITION, cont. Winter and spring. (4 q. hrs.)

English 120 and 121 are required in all curricula.

121J. JOURNALISM I. Winter. (4 q. hrs.)

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in the Eastern Teachers News.

Prerequisite: English 120. Accepted for English 121.

122. LITERATURE IN THE GRADES. Spring. (4 q. hrs.)

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the elementary curriculum for lower grades.

123. STORY-TELLING. Summer. (4 q. hrs.)

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124.

124. METHODS IN COMPOSITION AND LITERATURE IN UPPER GRADES. Omitted, 1944-45. (4 q. hrs.)

125. INTRODUCTION TO LITERATURE. Spring. (4 q. hrs.)

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

Required in two-year general college curriculum and in four-year curricula for high school teachers, except the English and commerce curricula. Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124 or English 122 may be substituted by these students if they wish to teach at the end of two years.

126. GRAMMAR. Spring. (4 q. hrs.)

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the elementary curriculum for the upper grades unless English 124 is taken; required in the English curriculum. Not accepted for elective credit in other curricula.

141. BUSINESS CORRESPONDENCE.

(See description under "Commerce.")

230, 231. NINETEENTH CENTURY PROSE FICTION. Fall, winter. (4 q. hrs. for each course.)

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

English 230 required in the English curriculum. English 231, elective. Prerequisite: English 230 to 231.

234. AMERICAN LITERATURE. Spring. (4 q. hrs.)

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

Required in the English and elementary curricula.

235. GREEK DRAMA. Fall. (4 q. hrs.)

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Elective. Prerequisite: English 120, 121, 125.

236. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Winter. (4 q. hrs.)

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum.

237. MODERN DRAMA. Spring. (4 q. hrs.)

The purpose of this course is to familiarize the student with what is best in modern drama.

Elective.

239. DRAMATICS. Omitted, 1944-45. (4 q. hrs.)

340. METHODS OF TEACHING ENGLISH IN THE HIGH SCHOOL. Spring. (4 q. hrs.)

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum.

343. CONTEMPORARY LITERATURE. Fall. (4 q. hrs.)

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula.

344. ADVANCED RHETORIC. Winter. (4 q. hrs.)

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Required in the English curriculum. Elective in other curricula. Prerequisite: Twelve quarter hours of English.

344J. JOURNALISM II. Omitted, 1944-45. (4 q. hrs.)

346. ENGLISH POETRY, BEOWULF TO CHAUCER. Fall. (4 q. hrs.)

347. ENGLISH POETRY, MILTON TO BURNS. Winter. (4 q. hrs.)

348. NINETEENTH CENTURY ENGLISH POETRY. Spring. (4 q. hrs.)

English 346, 347, 348 required in the English curriculum. Elective in other curricula.

441, 442, 443. SUPERVISED STUDENT TEACHING IN ENGLISH. Every quarter. (4 q. hrs.)

Required in the English curriculum.

449. THE ESSAY. Fall. (4 q. hrs.)

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum. Elective in other curricula.

450. HISTORY OF THE ENGLISH LANGUAGE. Winter. (4 q. hrs.)

The development of the English language from Anglo-Saxon to the language of today.

Required in the English curriculum. Prerequisite: English 126 or its equivalent. Not open as elective in other curricula except by special permission of the head of the English department.

451. HISTORY OF ENGLISH LITERATURE. Spring. (4 q. hrs.)

The development of English literature from Anglo-Saxon times to the present, with a glance at the American branch, drawing together all previous literature courses.

Required in the English curriculum. Elective in other curricula.

FOREIGN LANGUAGE

Latin

123. INTRODUCTORY LATIN READING. Fall. (4 q. hrs.)

Review of Latin grammar; exercises; practice in sight translation.

Required in the Latin curriculum. Prerequisite: Two years of Latin in high school.

124. ORATIONS OF CICERO. Winter. (4 q. hrs.)

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Required in the Latin curriculum. Prerequisite: Latin 123.

125. VERGIL'S AENEID. Spring. (4 q. hrs.)

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Required in the Latin curriculum. Prerequisite: Latin 124.

230. CICERO'S ESSAYS, SELECTIONS FROM DE AMICITIA AND DE SENECTUTE. Omitted, 1944-45. (4 q. hrs.)

231. HORACE, SELECTIONS FROM THE ODES, SATIRES, AND EPISTLES. Omitted, 1944-45. (4 q. hrs.)

232. LIVY, SELECTIONS FROM BOOKS I, XXI, XXII. Omitted, 1944-45. (4 q. hrs.)

340. METHODS OF TEACHING LATIN. (4 q. hrs.)

Required in the Latin curriculum. Prerequisite: Three years of college Latin.

343. OVID, SELECTIONS FROM TRISTIA, HEROIDES, AMORES, FASTI, METAMORPHOSES. Fall. (4 q. hrs.)

The life and times of Ovid; Roman and Greek mythology.

Required in the Latin curriculum.

344. LATIN COMPOSITION. Winter. (4 q. hrs.)

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required in the Latin curriculum.

345. MEDIEVAL LATIN. Spring. (4 q. hrs.)

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required in the Latin curriculum.

346. CAESAR'S CIVIL WAR. Omitted, 1944-45. (4 q. hrs.)

347. SELECTIONS FROM THE LETTERS OF CICERO AND PLINY. Omitted, 1944-45. (4 q. hrs.)

348. THE GERMANIA AND AGRICOLA OF TACITUS. Omitted, 1944-45. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN LATIN. Every quarter. (4 q. hrs. for each course.)

Required in the Latin curriculum.

446. ROMAN COMEDY. Omitted, 1944-45. (4 q. hrs.)

447. SELECTIONS FROM MARTIAL AND CATULLUS. Omitted, 1944-45. (4 q. hrs.)

448. LATIN LITERATURE IN TRANSLATION. Omitted, 1944-45. (4 q. hrs.)

French

130, 131, 132. FIRST YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work.

233, 234, 235. SECOND YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Elective. Prerequisite: Two years of high-school French or one year of college French.

343, 344, 345. THIRD YEAR FRENCH. Omitted, 1944-45. (4 q. hrs. for each course.)

German

230, 231, 232. FIRST YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

Elective. Not open to freshmen except by special permission. No credit for graduation for less than a year's work.

333, 334, 335. SECOND YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn, Minna von Barnhelm,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Elective. Prerequisite: German 230, 231, 232, or the equivalent.

Spanish

130, 131, 132. FIRST YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

The fundamentals of grammar; drill in pronounciation; graded readings.

Elective. No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

Review of grammar; exercises in composition; practice in conversation. Readings: *Pata de Zorra* by Hugo Wast; *Easy Spanish Plays,* edited by Cano and Sáenz; *Amalia,* by José Marmol; *El Capitán Veneno,* by Alarcón; *María* by Jorje Isaacs.

Elective. Prerequisite: Two years of Spanish in high school or one year in college.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of physical and commercial geography in high school.

120. PRINCIPLES OF GEOGRAPHY. Every quarter. (4 q. hrs.)

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography, commerce, and elementary curricula. Elective in other curricula.

130. GEOGRAPHY OF NORTH AMERICA. Fall and winter. (4 q. hrs.)

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120. Elective in other curricula.

221. CLIMATOLOGY. Fall and winter. (4 q. hrs.)

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography and elementary curricula. Elective in other curricula.

231. GEOGRAPHY OF SOUTH AMERICA. Winter. (4 q. hrs.)

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120, 221. Elective in other curricula.

233. PHYSIOGRAPHY. Spring. (4 q. hrs.)

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required in the geography curriculum.

236. ELEMENTS OF GEOLOGY. Spring. (4 q. hrs.)

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the geography and elementary curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

The characteristics of the social studies and geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required in the social science and geography curricula.

340G. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitted, 1944-45. (4 q. hrs.)

343. GEOGRAPHY OF EUROPE. Fall. (4 q. hrs.)

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120, 221. Elective in other curricula.

345. GEOGRAPHY OF ASIA. Spring. (4 q. hrs.)

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Required in the geography curriculum. Prerequisite: Geography 130, 231, 343.

441, 442, 443. SUPERVISED STUDENT TEACHING IN GEOGRAPHY. Every quarter. (4 q. hrs. for each course.)

Required in the geography curriculum.

446. URBAN GEOGRAPHY. Omitted, 1944-45. (4 q. hrs.)

447. ECONOMIC GEOGRAPHY. Winter and Spring. (4 q. hrs.)

An advanced course for teachers of commercial geography in high school.

Required in the geography curriculum. Prerequisite: Senior college standing.

448. THE CONSERVATION OF NATURAL RESOURCES. Fall. (4 q. hrs.)

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

Elective. Prerequisite: Senior college standing.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum F) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal and State aid under the Vocational Laws, (formerly known as Smith-Hughes). Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 204, 232, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. COSTUME SELECTION AND PERSONALITY. Winter. (4 q. hrs.)

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula.

102. ELEMENTARY NUTRITION. Fall. (4 q. hrs.)

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula.

201. CLOTHING CONSTRUCTION. Spring. (4 q. hrs.)

Fundamental principles of clothing construction and renovation.

Required in the home economics curriculum. Prerequisite: Home Economics 101.

202. FOOD PREPARATION. Spring. (4 q. hrs.)

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required in the home economics curriculum. Prerequisite: Home Economics 102, Chemistry 130, 131.

203. ADVANCED FOOD PREPARATION. Fall. (4 q. hrs.)

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235.

204 (301). MEAL PLANNING AND TABLE SERVICE. Winter. (4 q. hrs.)

Selection, purchase, preparation and service of food, considering dietary standards, food habits and nutritional needs of groups. Preparation and service of food for special occasions is also considered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202, 203.

232. TEXTILES. Fall. (4 q. hrs.)

Study of weaves, yarns, fibers, and finishes with reference to selection of fabrics for clothing and the house.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201.

245 (446b). HOUSEHOLD MANAGEMENT. Spring. (2 q. hrs.)

The principles of scientific management as applied to the home; includes a study of family finance, household buying equipment, time and energy, and housing problems.

Required in the home economics curriculum. Elective in other curricula.

246 (446a). HOME NURSING. Spring. (2 q. hrs.)

A study of the factors which determine personal health and the intelligent management of illnesses in the home.

Required in the home economics curriculum. Elective in other curricula.

304. ADVANCED CLOTHING. Winter. (4 q. hrs.)

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201, 232.

340. METHODS OF TEACHING HOME ECONOMICS. Spring. (4 q. hrs.)

Required in the home economics curriculum.

344. NUTRITION AND DIETETICS. Spring. (4 q. hrs.)

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required in the home economics curriculum. Prerequisite: Home Economics 102; Chemistry 210, 211, 212; Botany 235.

345. HOME MANAGEMENT HOUSE. Every quarter. (4 q. hrs.)

Experience in the practical application of the principles of household management is offered through a twelve weeks' residence period in the Home Management House.

Required in the junior year of the home economics curriculum. Prerequisite: Home Economics 245 and 204.

346. CHILD DEVELOPMENT. Fall. (4 q. hrs.)

A study of factors involved in the physical, mental, social and emotional development of children.

Required in the home economics curriculum.

347 (247). FAMILY RELATIONSHIPS. Fall. (4 q. hrs.)

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required in the home economics curriculum. Elective in other curricula.

350. CONSUMER EDUCATION. Omitted, 1944-45. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN HOMEMAKING SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Required in the home economics curriculum.

INDUSTRIAL ARTS

The courses to be offered in 1944-45 will be selected according to demand from those not specifically designated "Omitted 1944-45."

134. BENCH WOODWORK. (4 q. hrs.)
Function, care, use of hand tools and elements of wood finishing.

135. INTERMEDIATE WOODWORK. (4 q. hrs.)
Continuation of Industrial Arts 134.

136 (135). GENERAL METAL. (4 q. hrs.)
Use of hand tools for working common metals. Processes in bending, hammering, shaping and finishing hot and cold metal.

150. APPLIED ELECTRICITY. (4 q. hrs.)
Treatment of electrical problems arising around the home, e.g., bell circuits, house wiring, repair of electrical apparatus.

224. PRIMARY GRADE HANDWORK. Fall. (4 q. hrs.)
A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the elementary curriculum.

225. INTERMEDIATE GRADE HANDWORK. Winter. (4 q. hrs.)
This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the elementary curriculum.

226. SHEET METAL. (4 q. hrs.)
The shaping of sheet metal with hand and machine tools. Surface development.

230. WOODWORK FOR WOMEN. Omitted, 1944-45. (4 q. hrs.)

231. MECHANICAL DRAWING I. (4 q. hrs.)
Techniques of drafting, geometrical construction, orthographic projection, development of surfaces, pictorial representations.

232. MECHANICAL DRAWING II. (4 q. hrs.)
Treatment of scientific data for popular consumption, representations of fasteners used in machine design, study of methods and standards of drafting as used in larger industries. Complete drawings of machines are made.

259. PRINTING I. Omitted, 1944-45. (4 q. hrs.)

260. PRINTING II. Omitted, 1944-45. (4 q. hrs.)

275. WOODTURNING. (2 q. hrs.)
Use of lathe tools for spindle and face plate turning.

336. MILLWORK. (4 q. hrs.)
Furniture and cabinet making with use of woodworking machines.

340. METHODS OF TEACHING INDUSTRIAL ARTS. (4 q. hrs.)

345. INDUSTRIAL ARTS DESIGN. (2 q. hrs.)
Fundamental principles of design, freehand sketching, selection and use of joints in construction, color.

350. HOUSING I. (4 q. hrs.)
A modern house is planned and working drawings are begun.

352. MACHINE METAL WORK I. (4 q. hrs.)
Operation, care, repair of the engine lathe.

354. MACHINE METAL WORK II. (4 q. hrs.)
Drill press, milling machine, shaper.

355. HOUSING II. (4 q. hrs.)
Continuation of Industrial Arts 350. Working drawings of a house are completed. Legal aspects of building are discussed.

356. MACHINE METAL WORK III. (4 q. hrs.)
The student constructs a major piece of work, such as a drill press, shaper, saw, or jointer.

361. LINOTYPE OPERATION AND MAINTENANCE. Omitted, 1944-45. (4 q. hrs.)

363. TRAFFIC EFFICIENCY AND AUTOMOBILE DRIVING. Omitted, 1944-45. (4 q. hrs.)

365. WOODFINISHING. (2 q. hrs.)
Staining, varnishing, painting, fuming, lacquering, polychroming.

380. CONCRETE AND ITS USES. Omitted, 1944-45. (2 q. hrs.)

437. MACHINE WOODWORK. (4 q. hrs.)
An advanced course.

441, 442, 443. SUPERVISED STUDENT TEACHING IN INDUSTRIAL ARTS. Every quarter. (4 q. hrs. for each course.)

444. SAW FITTING. (2 q. hrs.)

451. ORGANIZATION OF SUBJECT MATTER. (2 q. hrs.)
A continuation of Industrial Arts 340.

457. GENERAL SHOP. (FARM MECHANICS.) Omitted, 1944-45. (4 q. hrs.)

460. GAS AND ELECTRIC ARC WELDING. Omitted, 1944-45. (4 q. hrs.)

THE USE OF THE LIBRARY

120. THE USE OF THE LIBRARY. Every quarter. (1 q. hr.)

A series of twelve lessons covering the use of the card catalog, magazine indexes, and common reference books. Students who have completed Library XI in the Teachers College High School are excused from all but the last four lessons. They should register for Library 120 (XI) given in the first four weeks of the winter quarter.

Required in all curricula.

220. SCHOOL LIBRARIES. Summer. (4 q. hrs.)

The techniques for planning and organizing a library.

Elective in all curricula. Recommended for rural teachers and for teacher-librarians in other schools. Prerequisite: Library 120. Desirable that students also have English 123. Not open to freshmen.

MATHEMATICS

120. THE SCIENCE, PSYCHOLOGY, AND TEACHING OF NUMBER. Winter. (4 q. hrs.)

The subject matter and technique of teaching mathematics in the first six grades.

Required in the mathematics and elementary curricula. Does not count toward graduation in other curricula.

121. MATHEMATICS IN THE UPPER GRADES. Spring. (4 q. hrs.)

The subject matter of the upper grades is discussed from the standpoint of the psychological and scientific development and of its use.

Required in the elementary curriculum. Does not count toward graduation in other curricula.

130, 131. ALGEBRA AND TRIGONOMETRY. Fall, winter. (4 q. hrs for each course.)

The usual topics of college algebra and plane trigonometry taken concurrently through two quarters.

Required in the mathematics curriculum. Prerequisite: One year or more of high school algebra.

132. SOLID GEOMETRY. Fall. (4 q. hrs.)

Required of majors and minors in mathematics who have not had solid geometry in high school. Prerequisite: Plane geometry.

133. FIELD WORK. Spring. (4 q. hrs.)

Theory and use of the slide rule, spherical trigonometry and applications to elementary celestial navigation, elementary problems in surveying, construction and use of the plane table.

Required in the mathematics curriculum. Prerequisite: Plane trigonometry.

134. ANALYTIC GEOMETRY. Spring. (4 q. hrs.)

The conic sections.

Required in the mathematics curriculum. Prerequisite: Mathematics 130, 131.

228. COLLEGE GEOMETRY. Spring. (4 q. hrs.)

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

235, 236. CALCULUS. Fall, winter. (4 q. hrs. for each course.)

An introduction to the differential and integral calculus.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

340. METHODS OF TEACHING HIGH-SCHOOL MATHEMATICS. Spring. (4 q. hrs.)

Required in the mathematics curriculum.

343. ALGEBRA. Fall. (4 q. hrs.)

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required in the mathematics curriculum. Prerequisite: Mathematics 235.

344. ANALYTIC GEOMETRY. Winter. (4 q. hrs.)

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134, 235.

345. CALCULUS. Spring. (4 q. hrs.)

A continuation of Mathematics 235, 236.

Required in the mathematics curriculum.

441, 442, 443. SUPERVISED STUDENT TEACHING IN HIGH-SCHOOL MATHEMATICS. Every quarter. (4 q. hrs. for each course.)

Required in the mathematics curriculum.

446, 447, 448. DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. Fall, winter, spring. (4 q. hrs. for each course.)

Half of the year is given to differential equations, the remainder to topics in advanced calculus.

Elective. Prerequisite: Mathematics 345.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on p. 57.

In order to meet the needs of the music teacher the following outline of applied music is required. It may be noted that the minimum requirements for all majors are two years of piano and one or two years of voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	12 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	3 quar. hours.

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice.

133, 134, 135. **THE FIRST YEAR'S WORK IN PIANO, VOICE, VIOLIN, VIOLA, CELLO, FLUTE, CLARINET, OBOE, TRUMPET, OR FRENCH HORN.** Every quarter. (1 q. hr. for each course.)

233, 234, 235. **THE SECOND YEAR'S WORK IN APPLIED MUSIC.** Every quarter. (1 q. hr. for each course.)

333, 334, 335. **THE THIRD YEAR'S WORK IN APPLIED MUSIC.** Every quarter. (1 q. hr. for each course.)

433, 434. **THE TENTH AND ELEVENTH QUARTER'S WORK IN APPLIED MUSIC.** Every quarter. (1 q. hr. for each course.)

435. **SENIOR RECITAL.** Spring. (1 q. hr.)

The twelfth quarter's work in applied music.

II. Class Methods of Instruction

126, 127, 128. **CLASS INSTRUCTION IN PIANO.** Fall, winter, spring. (1 q. hr. for each course.)

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in applied music. Stress is placed on the development of ability to play simple melodies and accompaniments including sight reading.

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* Instrumental class hours excused may be added.

136, 137, 138. CLASS INSTRUCTION IN VOICE. Fall, winter, spring. (1 q. hr. for each course.)

This course is for students who enroll in first year voice. It is designed to help the student secure a background of fundamental vocal techniques.

INSTRUMENTAL CLASS METHODS.

The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed. Students in other curricula than music may elect the following courses:

146, 147 (236, 237). VIOLIN CLASS METHODS. Fall, winter. (2 q. hrs. for each course.)

236 (336). WOODWIND CLASS METHODS—CLARINETS. Fall. (2 q. hrs.)

237 (337). BRASS CLASS METHODS—TRUMPET AND HORN. Spring. (2 q. hrs.)

238. VIOLONCELLO AND CONTRA-BASS CLASS METHODS. Spring. (2 q. hrs.)

337 (339). BRASS AND PERCUSSION METHODS—TROMBONE, BARITONE, TUBA, AND DRUMS. Spring. (2 q. hrs.)

356 (338). WOODWIND CLASS METHODS—FLUTE, OBOE, AND BASSOON. Fall. (2 q. hrs.)

Above courses are required in the music curriculum.

III. Theory and History of Music

123, 124, 125. SIGHT-SINGING AND EAR-TRAINING. Fall, winter, spring. (2 q. hrs. for each course.)

Development of skills in sight-reading through a study of materials of the elementary school and the high school. Includes work in oral and written tonal dictation leading to a sense of tonality and comprehension of the musical vocabulary.

Required in the music curriculum.

229. MUSIC APPRECIATION. Spring. (4 q. hrs.)

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many favorite selections from the great music literature are made familiar through hearing and analysis.

Required in the industrial arts curriculum. Elective in other curricula.

230, 231, 232. HARMONY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of the construction and manipulation of the materials o musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Required in the music curriculum. Prerequisite: Music 125.

347. ORCHESTRATION. Spring. (2 q. hrs.)

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups is required.

Required in the music curriculum. Prerequisite: Music 232.

351, 352. HISTORY AND APPRECIATION OF MUSIC. Fall, winter (4 q. hrs. for each course.)

The first course emphasizes the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The second quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

Required in the music curriculum.

449 (338). ELEMENTARY CHORAL CONDUCTING. Fall. (2 q. hrs.)

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

Required in the music curriculum.

450. ADVANCED CONDUCTING. Winter. (2 q. hrs.)

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Required in the music curriculum. Prerequisite: Music 449.

IV. Music Education

120. INTRODUCTION TO MUSIC. Winter. (4 q. hrs.)

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the elementary curriculum.

227. MUSIC IN RURAL SCHOOLS. Summer. (2 q. hrs.)

228. MUSIC IN ELEMENTARY SCHOOLS. Fall. (4 q. hrs.)

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

Required in the music and elementary curricula. Prerequisite in the elementary curriculum: Music 120.

340. METHODS OF TEACHING MUSIC IN HIGH SCHOOLS. Winter. (4 q. hrs.)

Required in the music curriculum.

441, 442, 443. SUPERVISED STUDENT TEACHING IN MUSIC. Every quarter. (4 q. hrs. for each course.)

Required in the music curriculum.

451. MUSIC SUPERVISION. Omitted, 1944-45. (4 q. hrs.)

452. PSYCHOLOGY OF MUSIC. Omitted, 1944-45. (4 q. hrs.)

V. Music Organizations

A music major, upon completing 12 quarter hours in the Department of Music, may register for credit in the principal organizations (Choir, Band, Orchestra). One hour of credit is granted for one year's continuous work in each organization. A total of *nine* hours may thus be earned toward the department requirements for a major in music. A music minor may register for a total of *four* hours.

College A Cappella Choir (Choir Ensemble 256, 356, 456).

The choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly.

Symphonic Band (Band Ensemble 256, 356, 456).

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Three rehearsals are held each week.

Orchestra (Orchestra Ensemble 256, 356, 456).

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week.

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week.

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsals each week.

Recitals.

Each student is required to play or sing a suitable piece at least two times during the year on a student recital program. Valuable experience is thus gained through public performance. Attendance by all music minors and majors is required for these recitals as well as other music events sponsored by the Department of Music. The head of the department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week, is required of all men. The courses consist in elementary work in the following activities:

Gymnastics
Tumbling
Apparatus work
Softball
Basketball
Volleyball
Golf
Tennis

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities and weaknesses and prescribes exercise to fit the needs of the individual. The Health Service Department follows up all cases in need of medical attention.

Equipment. Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition. The college furnishes the student, upon the deposit of 75 cents, a locker and towels.

Professional Courses

(For the duration of the war the full program of courses cannot be offered. Courses are chosen according to demand from the following list.)

120. SPORT TECHNIQUE IN TENNIS, GOLF, ARCHERY, AND BADMINTON. Fall. (4 q. hrs.)

Rules, conduct of tournaments, teaching and appreciation. *Required in the physical education curriculum.*

121. **ELEMENTARY GYMNASTICS. Winter. (4 q. hrs.)**
Required in the physical education curriculum.

122 (121). **OUTDOOR RECREATIONAL SPORTS. Spring. (4 q. hrs.)**
Soccer, touch football, volleyball, and softball.
Required in the physical education curriculum.

226. **PHYSICAL EDUCATION ACTIVITIES FOR ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. (4 q. hrs.)**
Organization, management, and methods in leadership.

227. **PHYSICAL EDUCATION AND HEALTH EDUCATION IN ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. (4 q. hrs.)**
Principles of teaching health.

340. **METHODS AND MATERIALS FOR TEACHING PHYSICAL EDUCATION. (4 q. hrs.)**

344. **KINESIOLOGY. (4 q. hrs.)**
The science of body mechanics.

347. **BASKETBALL COACHING. (4 q. hrs.)**

348. **FOOTBALL COACHING. (4 q. hrs.)**

349. **TRACK AND FIELD COACHING. (4 q. hrs.)**

350. **BASEBALL COACHING. (4 q. hrs.)**

441, 442, 443. **SUPERVISED STUDENT TEACHING IN PHYSICAL EDUCATION IN THE HIGH SCHOOL AND ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)**

451. **PRINCIPLES OF PHYSICAL EDUCATION. (4 q. hrs.)**
Historic background and philosophy of physical education and its relation to general education.

452. **PHYSICAL EDUCATION ADMINISTRATION AND SUPERVISION. (4 q. hrs.)**

453. **ADVANCED GYMNASTICS. (4 q. hrs.)**

PHYSICAL EDUCATION FOR WOMEN

Physical education, four hours a week, is required of all students.

An annual physical examination is given to all students and the physical education requirements are adjusted to the individual.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

101. **FUNDAMENTALS AND HOCKEY. Fall. (1 q. hr.)**

102. **FUNDAMENTALS AND SOCCER. Fall. (1 q. hr.)**

103. FUNDAMENTALS AND TENNIS. Spring. (1 q. hr.)

104. FUNDAMENTALS AND ARCHERY. Summer. (1 q .hr.)

105. FUNDAMENTALS AND GOLF. Spring and summer. (1 q. hr.)

106. FUNDAMENTALS AND SOFTBALL. Spring. (1 q. hr.)

107. FUNDAMENTALS AND BASKETBALL. Winter. (1 q. hr.)

108. FUNDAMENTALS AND RHYTHM ANALYSIS. Winter. (1 q. hr.)

210. FUNDAMENTALS AND INTRODUCTION TO THE MODERN DANCE. Winter. (1 q. hr.)

315. FUNDAMENTALS AND OUTDOOR GAMES FOR ELEMENTARY GRADES. Fall. (1 q. hr.)
Required in the elementary curriculum.

316. FUNDAMENTALS AND RHYTHMS FOR ELEMENTARY GRADES. Winter. (1 q. hr.)
Required in the elementary curriculum.

317. FUNDAMENTALS AND INDOOR AND RECREATIONAL GAMES FOR ELEMENTARY GRADES. Spring. (1 q. hr.)
Required in the elementary curriculum.

318. FUNDAMENTALS AND RECREATIONAL DANCING. Winter (1 q. hr.)

319. FUNDAMENTALS AND SPEEDBALL. Fall. (1 q. hr.)

Professional Courses

Requirements for a Minor in Physical Education for Women: Anatomy 225, Physical Education 346, 451, and three other courses chosen from Physical Education 231, 343, 344, 450, 454, and 220 Anatomy 225 should precede all other courses, and Physical Education 451 should be the last course taken. Participation in the Women's Athletic Association is required.

220. LEADERSHIP IN PHYSICAL FITNESS. Summer. (4 q. hrs.)
A course to prepare high-school teachers to teach the physical fitness program for boys and girls sponsored by the army and navy.

225. ANATOMY. (See course description under Zoology.)

231. METHODS OF TEACHING GAMES IN ELEMENTARY SCHOOL Fall, spring, and summer. (4 q. hrs.)
The theory and technique of teaching team sports, individual sports, and recreational activities.

238. MATERIALS AND METHODS OF TEACHING RHYTHMIC ACTIVITIES. Summer. (4 q. hrs.)

343. TECHNIQUE OF BASEBALL AND TENNIS. Spring. (4 q. hrs.)

344. LEADERSHIP IN RECREATION. Fall. (4 q. hrs.)

Theory of leadership, recreational activities, oragnization of girls' clubs, community recreation, playground supervision, hobbies.

345. PHYSICAL EDUCATION ACTIVITIES FOR THE RURAL SCHOOL. Summer. (4 q. hrs.)

346. DANCE IN EDUCATION. Winter. (4 q. hrs.)

Analysis of dance steps, fundamentals of rhythmical knowledge as applied to bodily movement, methods in teaching.

Prerequisite: Physical Education 108.

347. HEALTH ACTIVITY PROJECTS FOR THE ELEMENTARY GRADES. Omitted 1944-45. (4 q. hrs.)

450. TECHNIQUE OF BASKETBALL AND VOLLEY BALL. Winter. (4 q. hrs.)

451. PRINCIPLES OF PHYSICAL EDUCATION. Spring. (4 q. hrs.)

Relation of physical education to general education; curriculum construction.

454. TECHNIQUE OF ARCHERY, SOCCER, FIELD BALL, AND SPEED BALL. Fall. (4 q. hrs.)

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. PERSONAL AND COMMUNITY HYGIENE. Every quarter. (4 q. hrs.)

This course is largely personal hygiene, and stresses nutrition, digestion, dental hygiene, circulation, respiration, excretion, and endocrine glands.

It gives brief attention to the broad scope of public or community health, and consideration of the principles of bacteriology and immunology, and the discussion of a few important communicable diseases.

Required in all curricula.

345, 346. PHYSIOLOGY. Omitted 1944-45. (4 q. hrs. for each course.)

II. Botany

Botany 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120. GENERAL BOTANY. Fall. (4 q. hrs.)

A study of the fundamental physiological processes in the growth of plants and the structures concerned in leaves, stems, and roots.

Required in the botany and home economics curricula. Elective in other curricula.

121. GENERAL BOTANY. Winter. (4 q. hrs.)

The development of fruit and seeds from flowers, the mechanism of heredity, and a brief study of the great groups of plants.

Required in the botany curriculum. Prerequisite: Botany 120. Elective in other curricula.

122. GENERAL LOCAL FLORA AND PLANT ECOLOGY. Spring. (4 q. hrs.)

The identification and distribution of trees, common fresh water algae, mosses and ferns, and flowering plants.

Required in the botany curriculum. Prerequisite: Botany 120, 121 or permission of the instructor.

170. BACTERIOLOGY. (3 q. hrs.)

A modification of Botany 235 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

230. THE MORPHOLOGY OF GREEN PLANTS. Fall. (4 q. hrs.)

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups.

Required in the botany curriculum. Prerequisite: Botany 120, 121.

231. INTRODUCTION TO FUNGI AND PLANT DISEASES. Winter. (4 q. hrs.)

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required in the botany curriculum. Prerequisite: Botany 120, 121.

232. ECONOMIC BOTANY. Spring. (4 q. hrs.)

The effect of environment factors on the production of plant products. The cultural practices of agriculture and industry. This is not a laboratory course, but some field trips are required.

Required in the botany curriculum. Prerequisite: Botany 120, 121.

235. MICROBIOLOGY. Winter. (4 q. hrs.)

A study of bacteria and fungi and their culture and isolation. The economic uses of the activity of micro-organisms.

Required of home economics majors and elective in other curricula. Prerequisite: Botany 120 and two quarters of chemistry. Recommended for a botany minor.

340. METHODS OF TEACHING BOTANY. Spring. (4 q. hrs.)

Required in the botany curriculum.

343. MICROTECHNIC. Winter. (4 q. hrs.)

A course in the preparation of botanical material and the making of microscopic slides.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122, 230 and some chemistry.

344. EXPERIMENTAL PLANT PHYSIOLOGY. Fall. (4 q. hrs.)

A qualitative and quantitative study of the chemical and physical processes that result in the growth of plants.

Required in the botany curriculum. Prerequisite: Botany 120, 121 and one year of chemistry.

345. ADVANCED BOTANY. Every quarter. (4 q. hrs.)

Individual advanced work in special fields.

Elective. Prerequisite: Permission of the instructor.

346. PLANT ANATOMY AND WOOD IDENTIFICATION. Spring. (4 q. hrs.)

A critical study of the development of the tissues of seed plants and their common ecological variations and hereditary types. Wood identification is stressed.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122.

441, 442, 443. SUPERVISED STUDENT TEACHING IN BOTANY. Every quarter. (4 q. hrs. for each course.)

Required in the botany curriculum.

III. Zoology

Zoology 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120, 121, 122. ANIMAL BIOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A consideration of fundamental biological principles based upon animal material. The structure of cells, tissues, and organs, together with their functions, is considered. The second course is concerned with reproduction in animals and with genetics and eugenics. The third course is concerned with structure and habits of the animals of the various divisions of the animal kingdom. Students enrolled in Zoology 122 must buy or rent a set of dissecting instruments.

Required in the zoology curriculum.

124. NATURE STUDY. Summer. Omitted Summer, 1944. (4 q. hrs.)

A course in bird study.

Elective in the elementary curriculum.

125. NATURE STUDY. Summer. Omitted Summer, 1944. (4 q. hrs.)

A study of insects.

Elective in the elementary curriculum.

170. ANATOMY. (8 q. hrs.)

A course offered to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

225. ANATOMY. Fall. (4 q. hrs.)

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula.

230, 231, 232. VERTEBRATE ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

Anatomy, classification, and habits of vertebrates. Zoology 230 considers fishes, 231, amphibians and reptiles, 232, birds and mammals.

Required in the zoology curriculum. Prerequisite: Zoology 120, 121.

340. METHODS OF TEACHING ZOOLOGY. Spring. (4 q. hrs.)

Required in the zoology curriculum.

343, 344, 345. ADVANCED ZOOLOGY. Omitted 1944-45. (4 q. hrs. for each course.)

Classification and ecology of insects.

Prerequisite: Zoology 120, 121.

441, 442, 443. SUPERVISED STUDENT TEACHING IN ZOOLOGY. Every quarter. (4 q. hrs. for each course.)

Required in the zoology curriculum.

446. MICROTECHNIC. Omitted 1944-45. (4 q. hrs.)

447. ANIMAL BEHAVIOR. Omitted 1944-45. (4 q. hrs.)

Theoretical and experimental studies of the reactions of animals to various stimuli.

448. ANIMAL ECOLOGY. Omitted 1944-45. (4 q. hrs.)

449. SPECIAL PROBLEMS IN ZOOLOGY. Every quarter. (4 q. hrs.)

Elective. Prerequisite: Three years of work in zoology and permission of the instructor.

IV. Biology

126, 127, 128. GENERAL BIOLOGICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna; structure, modification, and function of cells; physical and chemical properties of the food and energy relations of living things; cell division, reproduction, and laws of heredity.

Required in the elementary curriculum. Elective as a year of laboratory science in any other curriculum. Does not count as a part of a major or minor in botany or zoology.

129. ELEMENTARY SCIENCE. Omitted 1944-45. (4 q. hrs.)

A course planned to acquaint the teacher with content suitable for an elementary science course and with the technique of the unit method which is recommended in bulletins on the elementary curriculum issued by the Illinois State Department of Instruction.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450 (one quarter), unless Chemistry 446, 447, 448 is elected, is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

130, 131, 132. ELEMENTARY CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

A general cultural course providing an introduction to the basic fundamentals and principles of chemistry; the common metals and non-metals, the simpler organic compounds, and an introduction to qualitative analysis of metals.

Required in the chemistry, physics, botany, and zoology curricula and accepted as a year of laboratory science in other curricula.

150, 151, 152. GENERAL CHEMISTRY. Omitted 1944-45. (4 q. hrs. for each course.)

A more detailed course than Chemistry 130, 131, 132 for students who have had chemistry in high school.

170. ELEMENTARY CHEMISTRY. (3 q. hrs.)

A course in elements of chemistry offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

210, 211a. ORGANIC CHEMISTRY FOR HOME ECONOMICS MAJORS. Fall, first half of winter. (4 q. hrs. for 210, 2 q. hrs. for 211a.)

The basic principles and the more important compounds.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131.

211b, 212. BIOCHEMISTRY. Last half of winter, spring. (2 q. hrs. for 211b and 4 q. hrs. for 212.)

Organic chemistry and biochemistry of foods, digestion, and other phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210, 211a.

233, 234a. QUALITATIVE ANALYSIS. Omitted 1944-45. (6 q. hrs.)

234b, 235. QUANTITATIVE ANALYSIS. Omitted 1944-45. (6 q. hrs.)

300. PHOTOGRAPHY. Fall. (4 q. hrs.)

The general theory and use of the camera and its parts; the emulsion, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera.

301. ADVANCED PHOTOGRAPHY. Omitted 1944-45. (4 q. hrs.)

310. MODERN CHEMISTRY AND ITS APPLICATION TO NATIONAL DEFENSE. Omitted 1944-45. (4 q. hrs.)

340. METHODS OF TEACHING CHEMISTRY. Spring. (4 q. hrs.)
Required in the chemistry curriculum.

343, 344, 345. ORGANIC CHEMISTRY. Fall, winter, spring. (4 q hrs. for each course.)

The aliphatic and aromatic series and the principles of organic chemistry.

Required in the chemistry curriculum. Prerequisite: Chemistry 130, 131, 132.

360. COLLOIDS. Omitted 1944-45. (4 q. hrs.)

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry

441, 442, 443. SUPERVISED STUDENT TEACHING IN CHEMISTRY Every quarter. (4 q. hrs. for each course.)
Required in the chemistry curriculum.

446, 447, 448. PHYSICAL CHEMISTRY. Omitted 1944-45. (4 q. hrs for each course.)

Fundamental physical properties governing chemical reactions.

Elective. Prerequisite: Chemistry 233, 234, 235; Physics 130, 131 132, Mathematics 235, 236. Additional courses in mathematics and chemistry desirable.

450, 451, 452. ADVANCED CHEMISTRY. Every quarter. (4 q. hrs for each course.)

Laboratory technique, maintenance and repair of apparatus such as that found in the average high-school laboratory, and use of the literature of chemistry are developed in the student by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department. One quarter's work is required of all chemistry majors.

Chemistry 450 is required unless Chemistry 446, 447, 448 is taken. Prerequisite: Physics 130, 131, 132, and permission of instructor.

II. Physics

Only a limited number of the advanced courses are given in 1944-45. They will be chosen from those courses not specifically designated as omitted. The first-year course, Physics 130, 131, 132, is offered in 1944-45.

130, 131, 132. FIRST YEAR OF COLLEGE PHYSICS. Fall, winter, spring. (4 q. hrs. for each course.)

Physics 130, mechanics; 131, heat, light, and sound; 132, magnetism and electricity and modern physics.

Required in the physics curriculum. Acceptable as a year of laboratory science in any curriculum.

235. MECHANICS AND HEAT. (4 q. hrs.)

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

236. LIGHT. (4 q. hrs.)

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

237. ELECTRON PHYSICS. (4 q. hrs.)

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

238. SOUND. (4 q. hrs.)

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing. A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music.

243. FIRST PRINCIPLES OF RADIO. Omitted 1944-45. (4 q. hrs.)

244. ELECTRICAL MEASUREMENTS. (4 q. hrs.)

A course in the study and use of electrical measuring and testing instruments with special consideration for their use in radio work. Class and laboratory.

Prerequisite: Physics 132.

245. ELECTRICAL CIRCUITS. (4 q. hrs.)

Circuit analysis for both D.C. and A.C. circuits. Typical methods used in radio problems are studied. Also the function of inductance, capacitance, and resistance in circuits.

Prerequisite: Physics 132.

322. HOUSEHOLD PHYSICS. Omitted 1944-45. (4 q. hrs.)

A course for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home.

340. METHODS OF TEACHING PHYSICS. (4 q. hrs.)

Required in the physics curriculum.

441, 442, 443. SUPERVISED STUDENT TEACHING IN PHYSICS. Every quarter. (4 q. hrs. for each course.)

Required in the physics curriculum.

348. MECHANICS, THEORY. (4 q. hrs.)

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry.

349. HEAT, THEORY. (4 q. hrs.)

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130.

350. ELECTRICITY AND MAGNETISM, THEORY. (4 q. hrs.)

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry.

361. RADIO SERVICING. Omitted 1944-45. (4 q. hrs.)

362. ADVANCED PRINCIPLES OF RADIO. Omitted 1944-45. (4 q hrs.)

363. APPLICATIONS OF RADIO TUBES. Omitted 1944-45. (4 q. hrs.)

451. LIGHT, THEORY. (4 q. hrs.)

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry.

452, 453. MODERN PHYSICS. (4 q. hrs. for each course.)

A survey of basic experiments and theories of modern physics Radio-activity; discharge of electricity through gases; X-rays; photoelectricity; the structure of matter and the periodic table; matter and radiation.

Prerequisite: Physics 130, 131, 132, and trigonometry.

471. RADIO CONSTRUCTION PROBLEMS. Omitted 1944-45. (4 q hrs.)

III. Physical Science

100, 101, 102. PHYSICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

A survey course in chemistry and physics.

Required in the elementary curriculum. Elective in other curricula as a year of laboratory science. Not counted toward a minor in chemistry or physics.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 354, 355, 356 or 453, 454, 455; 340; 441, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; 346, 347, 348, or 363, 364, 365, or 354, 355, 356, or 349, 350, 351, or 453, 454, 455, or 343, 344, 345, or 366, 367, 368.

137. GREEK CIVILIZATION. Fall. (4 q. hrs.)

A brief survey of the civilizations of the Nile, Tigris, and Euphrates valleys.

Required in the social science, foreign language, and elementary curricula.

138. ROMAN HISTORY. Winter. (4 q. hrs.)

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

Required in the social science, foreign language, and elementary curricula.

139. MEDIEVAL EUROPE, 500 TO 1500 A.D. Spring. (4 q. hrs.)

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

Required in the social science, art, and elementary curricula.

170. SOCIOLOGY. (4 q. hrs.)

A modification of the material of Social Science 453 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill.

233, 234, 235. HISTORY OF THE UNITED STATES. Fall, winter, spring. (4 q. hrs. for each course.)

Political, social, and economic history of the United States: 233, 1492-1824; 234, 1824-1876; 235, since 1876.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

240. METHODS AND MATERIALS IN THE SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. Omitted 1944-45. (4 q. hrs.)

Elective in the elementary curriculum.

256. RURAL SOCIOLOGY. Summer. (4 q. hrs.)

330. CONSUMER ECONOMICS. Spring. (4 q. hrs.)

Required in the industrial arts and home economics curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE SECONDARY SCHOOL. Fall and spring. (4 q. hrs.)

Required in the social science curriculum.

340G. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitted 1944-45. (4 q. hrs.)

343. HISTORY OF ENGLAND TO 1603. Fall. (4 q. hrs.)

344. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603-1830. Winter. (4 q. hrs.)

345. HISTORY OF THE BRITISH EMPIRE, 1830-1945. Spring. (4 q. hrs.)

The political, social, and economic history of England and the British Empire.

Social Science 343, 344, 345 required in the English curriculum.

346, 347, 348. HISTORY OF EUROPE. Fall, winter, spring. (4 q. hrs. for each course.)

The political, economic, and cultural history of Europe: 346, 1500-1789; 347, 1789-1871; 348, since 1871.

Required in the social science curriculum.

349. LATIN-AMERICAN HISTORY TO 1830. Fall. (4 q. hrs.)

A survey of the period of exploration and settlement of the Spanish and Portuguese empires in the western world. Colonial development. The era of revolution and independence. The relationship between the Latin-American colonies and nations with the English colonies and the United States.

Elective.

350. LATIN-AMERICAN HISTORY SINCE 1830. Winter. (4 q. hrs.)

Political, economic, and cultural developments south of the Ri Grande. The relationships between the Latin-American republics an the United States. Emphasis on the Monroe Doctrine, the Pan-American Union, and the "Good Neighbor" policy.

Elective.

351. HISTORY OF CANADA. Spring. (4 q. hrs.)

The settlement of French Canada. French colonial development The conquest of French Canada by the British. The change from colonial Canada to the Dominion. Political, economic, and cultura growth of Canada as a part of the British Empire. The relationship between Canada and the United States. Emphasis on cooperation between the two countries.

Elective.

354, 355, 356. PRINCIPLES OF ECONOMICS. Fall, winter, spring (4 q. hrs. for each course.)

Modern economic organizations; value and price. Money, banking and exchange; distribution. Public finance; modern economic problems

Required in the commerce curriculum. Elective in other curricula

363. STATE GOVERNMENT. Fall. (4 q. hrs.)

A study of the structure and functions of the government of th state with particular attention to the government of Illinois.

Required in the social science curriculum.

364. LOCAL GOVERNMENT. Winter. (4 q. hrs.)

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units.

Required in the social science curriculum.

365. THE NATIONAL GOVERNMENT. Spring. (4 q. hrs.)

A study of the structure and functions of the national government of the United States. The Constitution of the United States is examined in detail.

Required in the social science curriculum.

366. POLITICAL PARTIES AND POLITICS. Fall. (4 q. hrs.)

A study of the development, organization, functions, and significance of political parties in the United States.

Elective.

367. INTERNATIONAL RELATIONS OF THE UNITED STATES. Winter. (4 q. hrs.)

A study of the place of the United States in the world community. The development of the machinery and spirit of international cooperation

Elective.

368. WAR BACKGROUNDS AND POST-WAR PROBLEMS. Spring. (4 q. hrs.)

An integrated course bringing together material from the fields of history, political science, and economics, stressing the problems of post-war world settlement. Designed for teachers in service and other mature students.

Elective.

441, 442, 443. SUPERVISED STUDENT TEACHING IN HIGH SCHOOL SOCIAL SCIENCE. Every quarter. (4 q. hrs. for each course.)

Required in the social science curriculum.

453. THE COMMUNITY AND SOCIETY. Fall. (4 q. hrs.)

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum. Elective in other curricula.

454. PRINCIPLES OF SOCIOLOGY. Winter. (4 q. hrs.)

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture, and the social organization, social control, and social reform.

Elective.

455. SOCIAL PROBLEMS AND SOCIAL TRENDS. **Spring. (4 q. hrs.)**

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Elective.

SPEECH

Requirements for a minor in Speech: Speech 130, 132, 244, 331, 345, 433.

130. FUNDAMENTALS OF SPEECH. **Fall. (4 q. hrs.)**

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required in the speech curriculum.

132. VOICE AND DICTION. **Spring. (4 q. hrs.)**

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

Required in the speech curriculum.

135 (235). CHORIC SPEECH. **Winter. (4 q. hrs.)**

Choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required in the speech curriculum.

244 (444). PLAY PRODUCTION. **Winter. (4 q. hrs.)**

Instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required in the speech curriculum.

246 (346). EVOLUTION OF ORATORY. **Spring. (4 q. hrs.)**

Analyses are made of various types of model speeches at different periods, with emphasis on the present. Practice in composing and delivering original orations.

Required in the speech curriculum.

331. DISCUSSION AND DEBATE. **Winter. (4 q. hrs.)**

Principles and participation in class discussions and debates on subjects of current interest.

Required in the speech curriculum.

335 (435). ORAL READING. **Spring. (4 q. hrs.)**

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed.

Required in the speech curriculum.

345. PUBLIC SPEAKING. Every quarter. (4 q. hrs.)

Through prepared talks and discussions this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed.

Required in all curricula.

431 (131). CREATIVE DRAMATICS. Spring. (4 q. hrs.)

Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented.

Required in the speech curriculum.

433 (233). PRINCIPLES OF SPEECH CORRECTION. Fall. (4 q. hrs.)

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

Required in the speech curriculum.

434 (234). ADVANCED PRINCIPLES OF SPEECH CORRECTION. Winter. (4 q. hrs.)

Required. Prerequisite: Speech 433 (233).

441, 442, 443. SUPERVISED STUDENT TEACHING IN SPEECH. Every quarter. (4 q. hrs. for each course.)

Required in the speech curriculum.

445. ADVANCED PLAY PRODUCTION. Fall. (4 q. hrs.)

Advanced technical studies and experience in stagecraft and directing.

Required in the speech curriculum.

IV. LISTS

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING JUNE 2, 1944

	Men	Women	Total	Total
Twelve Weeks' Summer Term, 1943				
First Half Term	35	230	265	
Second Half Term	24	118	142	407
Extension Students (Summer, 1943)	9	80	89	89
Regular School Year—September 6, 1943 to June 2, 1944:				
Teachers College:				
Seniors	10	60	70	
Juniors	8	38	46	
Sophomores	13	58	71	
Freshmen	25	94	119	
Total in College	56	250	306	
Extension Students (exclusive of duplicates)	110	520	630	
High School:				
Twelfth Year	24	22	46	
Eleventh Year	18	14	32	
Tenth Year	15	24	39	
Ninth Year	27	24	51	
Total in High School	84	84	168	
Total above the Eighth Grade	250	854	1104	
Elementary Training School	115	139	254	
Total for the Regular Year	365	993	1358	1358
Total for the twelve months ending June 2, 1944				1854
Counted twice (College only)	31	161	....	192
Grand Total of Students and Pupils				1662

COUNTIES REPRESENTED—YEAR 1943-44

Adams
Bond
Champaign
Christian
Clark
Clay
Clinton
Coles
Cook
Crawford
Cumberland
Douglas
Edgar
Edwards
Effingham
Fayette
Franklin
Iroquois
Jasper
Jefferson
Kankakee
Lawrence
Logan
Macon
Macoupin
Madison
Marion
McHenry
Montgomery
Moultrie
Piatt
Randolph
Richland
St. Clair
Sangamon
Shelby
Stephenson
Vermilion
Wabash
Wayne
White
Will

OTHER STATES REPRESENTED

Florida
Indiana
Missouri
Ohio

NATIONAL HONORARY FRATERNITIES MEMBERSHIP

GAMMA THETA UPSILON

Henry Lewis Buzzard	Sophomore	Charleston
Jessie Rosella Cameron	Sophomore	St. Elmo
Lennie Gray	Sophomore	Brocton
Norma Jane King	Senior	Charleston
Theresa Mathilda Reiss	Sophomore	Ramsey
Ola Beatrice Seeley	Sophomore	Shumway
Arrah Jean Workman	Junior	Chatham

SIGMA TAU DELTA

Margaret Marie Dickson	Senior	Ridgefarm
Elizabeth Kathryn Dively	Senior	Paris
Rebecca Jean Henderson	Senior	Charleston
Rosemary Nicoson	Senior	Brocton

KAPPA PI

Betty June Brotherton	Junior	Mattoon
Ruby Aileen Carter	Senior	Charleston
Mary Ellen Grote	Senior	Oconee
Thelma Stoner Phipps	Junior	Charleston

KAPPA MU EPSILON

Delbert Ferel Atkins	Sophomore	West York
Richard Henry Bidle	Senior	Robinson
George Smith Briggs	Senior	Charleston
Henry Lewis Buzzard	Sophomore	Charleston
Ruth Hope Ellis	Senior	St. Jacob
Lillian Miriam Fagen	Senior	Danville

PI OMEGA PI

Mary Marjorie Ashby	Senior	Charleston
Virginia Florence Borders	Junior	Charleston
Jennie Lou Goldsmith	Senior	Newton
Charlotte Mary Greene	Junior	Charleston
Leona Mildred Henschen	Senior	Rosamond
Willa Frances Lane	Junior	Potomac
Wanda Eileen Nicoson	Senior	Kansas
Mary Beth Piersol Petitt	Senior	Kankakee
Geneva Margaret Weidner	Senior	Edwardsville

PI KAPPA DELTA

Jene Louise Bails	Senior	Charleston
Betty Margaret Lewis	Senior	Waggoner
Helen Eleath Stites	Junior	Charleston
William Smith Warford	Sophomore	Charleston

KAPPA DELTA PI

Catherine Eloise Boyd	Junior	Sullivan
George Smith Briggs	Senior	Charleston
Elizabeth Suzanne Burgener	Senior	Olney
Shirley Baughman Conley	Senior	Edwardsville
Kathryn Elizabeth Dively	Senior	Paris
Wilma Leora Feldman	Senior	West Salem
Merna Dean Fisher	Junior	Springfield
Ruth Leitch Gibson	Senior	Chicago
Rebecca Jean Henderson	Senior	Charleston
Virginia Rose Kannmacher	Junior	Martinsville
Norma Jane King	Senior	Charleston
Willa Frances Lane	Junior	Potomac
Louise Elizabeth Leedy	Senior	Annapolis
Anna Louise Manuell	Junior	Taylorville
Leslie Mayberry	Junior	Hoopeston
Mary Ellen Morse	Senior	Paris
Betty Heise Reat	Senior	Charleston
Helen Lee Stevens	Senior	Centralia
Margery Beth Thomas	Senior	Charleston

THETA ALPHA PHI

Jene Louise Bails	Senior	Charleston
Ruby Aileen Carter	Senior	Charleston
Betty Jane Hon	Senior	Crossville
James Hayden Roberts	Sophomore	Charleston

GRADUATES

1943

SENIOR COLLEGE

Name	Post Office
Amyx, Bernita A.	Charleston
Amyx, Mary Chloteel	Charleston
Anderhalter, Oliver Frank	Trenton
Arbuckle, Sam Walter	Paris
Bingaman, John Buchanan	Neoga
Blank, Helen Kathleen	Robinson
Bokenkamp, Robert William	Clay City
Brent, Jewell Allen, Jr.	Flora
Brown, Dorothy Ellen	Olney
Burtt, Irving Walter	Rosamond
Cammon, Legion Lee	Noble
Carter, Lester Leo	Louisville
Cassida, Ethel Louise	Villa Grove
Clark, Darrell Dean	Jewett
Cole, John Henry	Calhoun
Collins, Herschel LeRoy	Casey
Cooper, Alice Mildred	Potomac
Covi, Dario Alesandro	Livingston
Craig, Emma Jane	West Union
Crane, Ada Caroline	Sullivan
Creamer, Wana Lavina	Louisville
Cress, Eleanor Jeanne	Hillsboro
Crews, Harriet Josephine	Vincennes, Ind.
Cruise, Nona Belle	Beecher City
Culp, Nila Clotile	Mattoon
Day, Edward Taylor	Charleston
Diffenderfer, Vera Margery	Danville
Doak, Ethel Louise	Robinson
Dodson, Elizabeth	Granite City
Dolan, Virginia Grace	Sullivan
Emmerich, Jewell Judith	Wheeler
Euell, Russell Eugene	Charleston
Fisher, David	Charleston
Frame, Robert Olin	Charleston
Freebairn, Marjorie Gene	Greenup
Gossett, Jean Marguerite	Charleston
Guthrie, Grace	Sidell
Hathaway, Ruth Inez	Hutsonville
Henson, Lloyd Stanley	Sullivan
Hibbs, Roger Franklin	Charleston
Homann, Warren Wilbert	Moccasin
Humes, William Russell	Effingham
Husted, Martha Frances	Gary, Indiana
Ingram, Frances Grace	Jewett
Ingram, Marjorie	Charleston
Johnson, Dale Warren	Charleston
Keck, Maurine Marjory	Trowbridge
Lionberger, Elizabeth Jane	Robinson
Little, Marguerite	Paris
McAllister, Walter Emerson	Vandalia
McManigell, Wilma Jean	Charleston
McMullen, Charles Roy	Mattoon
Meinkoth, Carrie Grace	Trenton
Mizeur, Marvin James	Pana
Moore, Madge Eleanor	Humboldt
Moss, Nancy Elizabeth	Charleston
Murray, Jewel Burdell	Crown Point, Ind.
Newman, Charles Cox	Ridgefarm
Phipps, Hugh Clinton	Ashmore
Podesta, Elizabeth Louise	Mattoon
Rademaker, Margaret Louise	Marshall
Ramsey, Naomi Ruth	Windsor
Rebbe, Carol Virginia	Petersburg
Rice, Florence Alma	Toledo
Ridgely, Bertha Elizabeth	Parkersburg
Rourke, Robert James	Charleston
Scanavino, John Otto	Livingston
Schick, William George, Jr.	St. Elmo
Scoggins, Erma Jean	Jacksonville
Shaw, James Miller	Taylorville
Sheeks, Clarissa Joan	Mattoon
Snearley, Martena Rosalie	Greenup
Sparks, Irene Louise	Kincaid
Stephenson, Ross Kinney	South Bend, Ind.
Teagarden, Ida Louise	St. Elmo
Therrien, Claude Cutter	Springfield
Townsend, Bessie Mae	Charleston
Traylor, Mary Blanche	Coffeen
Walker, Lena Mae	Olivet
Weber, Deane Allen	Westfield
White, Ruth Brockett	Robinson
Wickiser, Roland Bernard	Charleston
Wilson, Jane	Paris
Winget, Rasho Harris, Jr.	Clay City

Men	35
Women	49
Total	84

GRADUATES

1943

JUNIOR COLLEGE

Name	Post Office
Chambers, Bertha Thompson	Charleston
Clark, Helen Geneva	Mt. Auburn
Coan, Mary Louise	Wakefield
Dowell, Mary Elizabeth	Oblong
Edgar, Juanita Alice	Humboldt
Ehrhart, Betty Jean	Lerna
Ernst, Martha Lee	Hillsboro
Espy, Ruth Evelyn	Palestine
Ford, Vera Mae	Flat Rock
Gaertner, Ruth Henderson	Effingham
Gray, Mae Dora	Nokomis
Hayden, Doris Virginia	Robinson
Hilgenberg, Alberta Viola	Arthur
Icenogle, Betty Mae Jones	Trilla
Lewis, Rosemary	Hillsboro
McCarty, Mary Elizabeth	Flat Rock
McCoy, Wanda Lorene	Beecher City
Miller, Awanda Glyn Crackel	Albion
Montgomery, Mary Lorraine	Flat Rock
Nessl, Catherine Lucille	Sorento
Ohlsen, Emily Marie	Atwood
Ratts, Linda Lee	Martinsville
Stanbery, Mary Arlene	Ramsey
Stumeier, Ruth Louise	Tuscola
Turner, Ray C.	Sullivan
Williammee, Vera Louise	Robinson

Men	1
Women	25
Total	26

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RATING

EASTERN ILLINOIS STATE TEACHERS COLLEGE IS FULLY ACCREDITED

(1) as a Teachers College in the American Association of Teachers Colleges

(2) as a College in the North Central Association of Colleges and Secondary Schools

(3) Institutional member, American Council on Education.

6e H
44/45

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

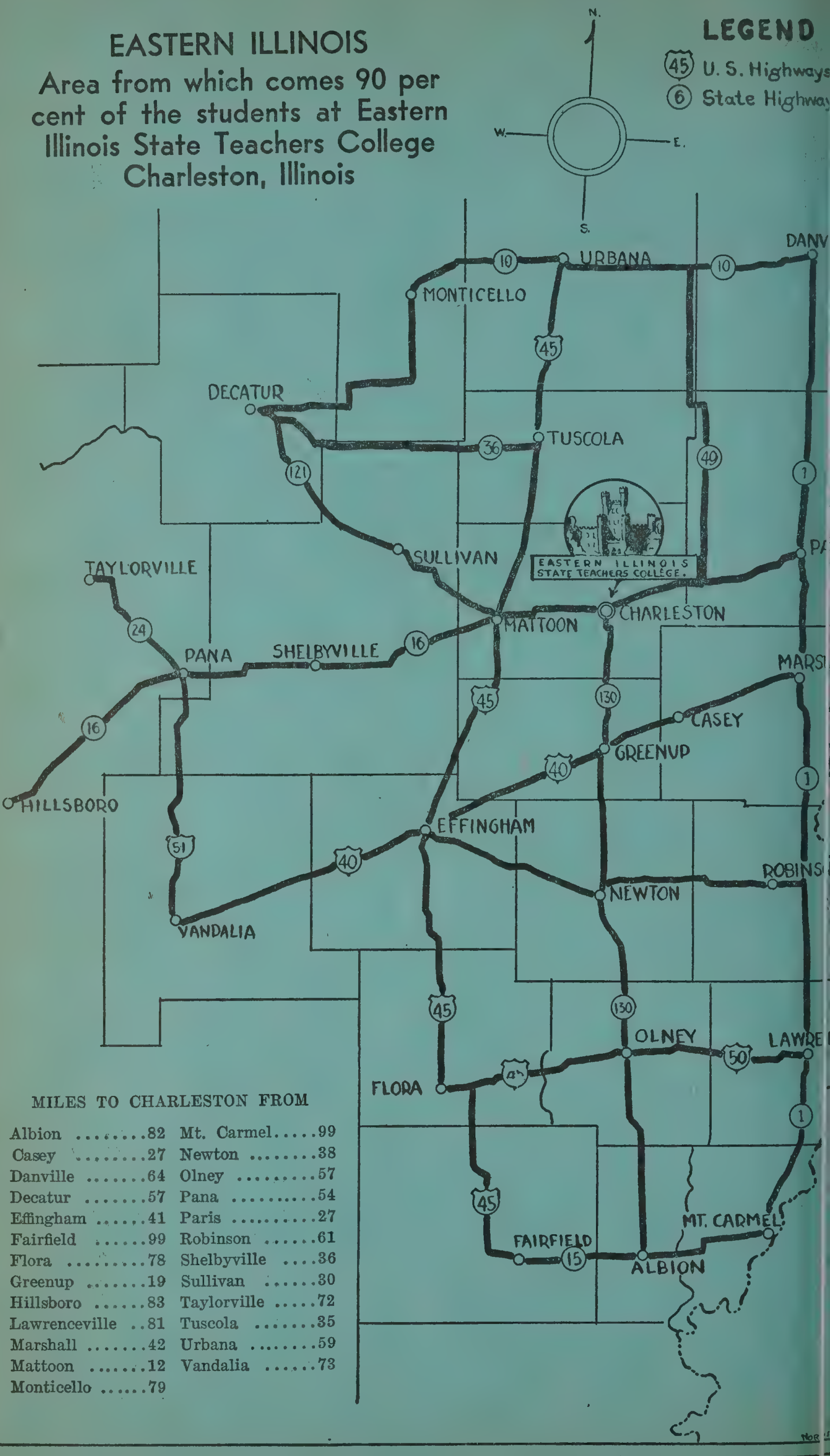
ANNOUNCEMENTS FOR 1945-46 SESSIONS

1899

CHARLESTON, ILLINOIS

EASTERN ILLINOIS

Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois


N.
W.
E.
S.
LEGEND
45 U. S. Highways
6 State Highway
URBANA
DANV
10
MONTICELLO
45
DECATUR
36
TUSCOLA
49
1
121
SULLIVAN
EASTERN ILLINOIS STATE TEACHERS COLLEGE.
PA
TAYLORVILLE
CHARLESTON
MATTOON
24
PANA
SHELBYVILLE
16
MARS
130
CASEY
GREENUP
40
HILLSBORO
EFFINGHAM
51
ROBINS
NEWTON
VANDALIA
OLNEY
LAWRE
50
FLORA
FAIRFIELD
15
ALBION
MT. CARMEL

MILES TO CHARLESTON FROM

Albion	82
Casey	27
Danville	64
Decatur	57
Effingham	41
Fairfield	99
Flora	78
Greenup	19
Hillsboro	83
Lawrenceville	81
Marshall	42
Mattoon	12
Monticello	79
Mt. Carmel	99
Newton	38
Olney	57
Pana	54
Paris	27
Robinson	61
Shelbyville	36
Sullivan	30
Taylorville	72
Tuscola	35
Urbana	59
Vandalia	73

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 170 April 1, 1945

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46th YEAR

ACADEMIC RECORD 1944-45 SESSIONS

ANNOUNCEMENTS FOR 1945-46 SESSIONS

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(78723)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues
BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing
HOBART F. HELLER, Dean of the College

Housing, Student Employment, and Personal Problems
JAMES GLENN ROSS, Acting Dean of Men
ELIZABETH K. LAWSON, Dean of Women

Pemberton Hall
MRS. ALICE N. COTTER, Director

Payment of Fees
RAYMOND R. GREGG, Business Manager

Teacher Placement
HARRY L. METTER, Director of Teacher Training and Placement

Student Health
MARY E. THOMPSON, College Nurse

Textbook Library
HENRY J. ARNOLD, Manager

Extension Courses
BRYAN HEISE, Director of Extension

Public Relations and Alumni Affairs
WILLIAM H. ZEIGEL, Acting Director of Public Relations and Alumni Secretary

Information Regarding Summer Session
BLANCHE C. THOMAS, Registrar, or
HOBART F. HELLER, Dean

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WHY I TEACH

Because I would be young in soul and mind
Though years must pass and age my life constrain
And I have found no way to lag behind
The fleeting years, save by the magic chain
That binds me, youthful, to the youth I love,
I teach.

Because I would be wise, and wisdom find
From millions gone before whose torch I pass,
Still burning bright to light the paths that wind
So steep and rugged, for each lad and lass
Slow climbing to the unrevealed above,
I teach.

Because in passing on the living flame,
That ever brighter burns the ages through,
I have done service that is worth the name
Can I but say "The flame of knowledge grew
A little brighter in the hands I taught,"
I teach.

Because I know that when life's end I reach
And thence pass through the gates so wide and deep
To what I do not know, save what men TEACH
That the remembrance of me will keep
Is what I've done; and what I have is naught,
I teach.

—Louis Burton Woodward

1945

JULY

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1946

JANUARY

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MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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27	28	29	30	31	--	--
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NOVEMBER

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
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DECEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	--	--	--	--
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COLLEGE CALENDAR, 1945-46

Fall Quarter, 1945 (Twelve Weeks)

Saturday, September 8	Faculty meeting day, 8 a.
Monday, September 10	Registration of all students, 8 a.
Tuesday, September 11	College classes begin, 8 a.
Friday, October 12	Eastern Division Meetin
Saturday, October 20	Homecomin
Thursday, November 22	Thanksgiving D
Friday, November 23	Holiday rece
Friday, November 30	Fall Quarter clos

Winter Quarter, 1945-46 (Twelve Weeks)

Monday, December 3	Registration, 8 a.
Friday, December 21	Christmas recess begins, 3 p.
Monday, January 7	Classes resume, 8 a.
Friday, March 8	Winter Quarter clos

Spring Quarter, 1946 (Twelve Weeks)

Monday, March 11	Registration, 8 a.
Wednesday, April 17	Easter recess begins at close of school d
Tuesday, April 23	Classes resume, 8 a.
Sunday, June 2	Baccalaureate, 3 p.
Wednesday, June 5	Commencement, 10 a.
Monday, June 10	Summer school beg

DEPARTMENT OF REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

★ ★

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

VERNON L. NICKELL
Superintendent of Public Instruction (Springfield)
Secretary

★ ★

APPOINTED MEMBERS

Miss Harriett A. McIntire, Mendota	1937-1943
John D. Dill, Carbondale	1937-1943
*Jacob E. Alschuler, Aurora	1939-1945
Charles E. McMorris, Marshall	1939-1945
Mrs. Helen R. Pegelow, Mattoon	1939-1945
Dr. Preston Bradley, Chicago	1941-1947
Lindell W. Sturgis, Metropolis	1941-1947
Russell L. Guin, Danville	1941-1947
Richard F. Dunn, Normal	1943-1949

★ ★

Elmer P. Hitter..................Co-ordinator (Springfield)

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* Resigned.

Under the provisions of the Civil Administrative Code for the onsolidation of State Agencies under the direction of the Governor, he five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration nd Education, who is ex-officio chairman, the Superintendent of Public nstruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

ADMINISTRATION

1944-45

Office of the President

Robert Guy Buzzard, Ph.D. ....Presiden
Roy Kenneth Wilson, A.M. ....
..........Secretary to President and Director of Public Relation
(On leave for service in U. S. Naval Reserve)
William H. Zeigel, Ph.D. ....
.........Acting Director of Public Relations and Alumni Secretar
Florence Leone Fair, A.B. ....Secretar

Office of the Dean and Registrar

Hobart Franklin Heller, Ph.D. ....Dea
Blanche Claire Thomas ....Registra
Helen Josephine Whalen ....Secretar

Office of Dean of Women

Elizabeth K. Lawson, Ph.D. ....Dean of Wome
Jennie Lou Goldsmith, B.S. in Ed. ....Secretar

Office of Dean of Men

Harold Maxon Cavins, Ed.D. ....Dean of Me
(On leave, December 1, 1944)
James Glenn Ross, Ph.D. ....Acting Dean of Me

Office of the Director of Training Schools

Harry Louis Metter, Ph.D. Director of Teacher Training and Placemen
Donald Allen Rothschild, Ph.D. ....Principal of High Scho
Arthur U. Edwards, Ph.D. ....Principal of Elementary Scho
Hans Christian Olsen, Ph.D., Director of Off-Campus Student Teachin
(On leave)
Elizabeth Jane Lionberger, B.Ed. ....Secretar

Office of Extension Director

Bryan Heise, Ph.D. ....Director of Extensio

Office of Health Service

Mary Ellen Thompson, R.N. ....College Nur

Business Office

Raymond Rosco Gregg, A.M. ....Business Manag
Violet Bird Taylor, B.A. ....Secreta
Dorothy Virginia Davis ....Stenograph
Grace Guthrie, B.Ed. ....Stenograph

Office of Textbook Library

Henry J. Arnold, A.M. ....Manager of Textbook Libra

Pemberton Hall

Alice Nellie Cotter, A.B. ....Director of Pemberton Ha

Buildings and Grounds

Camille F. Monier ....Superintendent of Groun
Granvil Shafer ....Superintendent of Buildin
Edson B. Clodfelter ....Superintendent of Heati

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1944-45

Asterisk (*) indicates Head of Department.
Double Asterisk (**) indicates Acting Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D. .... *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

HOBART FRANKLIN HELLER, Ph.D. .... *Dean*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

ROY KENNETH WILSON, A.M. .... *Secretary to President and Director of Public Relations*
B.Ed., Eastern Illinois State Teachers College, 1936; A.M., University of Illinois, 1943. (On leave for service in U. S. Naval Reserve.) (1937)

WILLIAM H. ZEIGEL, Ph.D. .... *Acting Director of Public Relations and Alumni Secretary*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

HAROLD MAXON CAVINS, Ed.D. .... *Dean of Men*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (On leave, December 1, 1944.) (1928)

JAMES GLENN ROSS, Ph.D. .... *Acting Dean of Men*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

ELIZABETH K. LAWSON, Ph.D. .... *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS .... *Registrar* (1922)

RAYMOND ROSCO GREGG, A.M. .... *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933 and 1934. (1934)

HARRY LOUIS METTER, Ph.D. .... *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Donald Allen Rothschild, Ph.D. . . . . *Principal*
Teachers College High Schoo
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Universit of Iowa, 1932. (1934)

Arthur U. Edwards, Ph.D. . . . . *Principal*
Teachers College Elementary Schoo
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., Stat University of Iowa, 1932. (1937)

Hans Christian Olsen, Ph.D. . . . . *Directo*
of Off-Campus Student Teachin
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D. Columbia University, 1926. (On leave) (1938)

Bryan Heise, Ph.D. . . . . *Director of Extensio*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University o Michigan, 1937. (1937)

Mary Ellen Thompson, R.N. . . . . *College Nurs*
Student, North Dakota Agricultural College, 1903-4; Student, Stat Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John' Training School for Nurses, Fargo, North Dakota, 1916. (1930)

Alice Nellie Cotter, A.B. . . . . *Director of Pemberton Hal*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

Art

Mildred Ruth Whiting, Ph.D.* . . . . *Associate Professo*
B.F.A., 1928, A.M., 1933, Ph.D., University of Nebraska, 1938. (1936

Alice McKinney, A.M. . . . . *Instructo*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinoi State Teachers College, 1929; Chautauqua Summer School, 192 Woodbury School of Art and Massachusetts Art School, Bosto 1930-31; A.M., Columbia University, 1935; Chicago Art Institut summer school, 1938. (On leave.) (1928)

Gladys Marie Lux, A.M. . . . . *Instructo*
B.F.A. in Ed., University of Nebraska, 1925; School of Art Institut Chicago, summers 1927, 1928, 1929; A.B., 1933, A.M., University Nebraska, 1935; Graduate study, University of Nebraska, 1943-4 (Substitute instructor.) (1944)

Biological Science

Botany

Ernest Lincoln Stover, Ph.D.* . . . . *Professo*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The Universit of Chicago, 1924. Resident Doctor, University of Washington Biological Station, summer, 1926; University of Michigan Biologic Station, summer, 1932; Cornell University, summer, 1936; Universit of Wyoming Science Camp, summer, 1940. (1923)

Hiram Frederick Thut, Ph.D. . . . . *Associate Professo*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State Universit 1930. Resident Doctor, Iowa State College, summer, 1939; Corne University, summer, 1940. (On leave.) (1932)

Zoology

Charles Stockman Spooner, Ph.D.*....................*Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., 1918, Ph.D., University of Illinois, 1936. (1919)

Walter Merritt Scruggs, Ph.D................*Associate Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (On leave for military service.) (1929)

Hygiene

Harold Maxon Cavins, Ed.D...................*Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (On leave, December 1, 1944.) (1928)

Richard Thomas Hartley, Ph.D..............*Associate Professor*
A.B., Peru State Teachers College, 1927; M.S., 1930, Ph.D., State University of Iowa, 1943. (Substitute associate professor.) (1944)

COMMERCE

James Michael Thompson, Ed.D.*.........................*Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (On leave for service in U. S. Naval Reserve.) (1937)

Earl Samuel Dickerson, Ed.D.**.............*Associate Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

Stanley Clay Robinson, A.M............................*Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave for service in U. S. Naval Reserve.) (1939)

Jessie Martha Hunter, A.M...........................*Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

Katherine Switzer Humphrey, M.A...................*Instructor*
B.S.C., 1932, M.A., University of Iowa, 1942; Graduate study, State University of Iowa, summer, 1944. (Substitute instructor.) (1942)

EDUCATION

Emma Reinhardt, Ph.D.*..................................*Professor*
Diploma, Illinois State Normal University, 1921; A.B. 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

HARRY LOUIS METTER, Ph.D.............................*Professo*
Diploma, Southern Illinois State Normal University, 1921; B.S., 192
M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D..............*Associate Professo*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Universit
of Iowa, 1932. (1934)

BRYAN HEISE, Ph.D..........................*Associate Professo*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University
Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D....................*Associate Professo*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D
University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D...................*Associate Professo*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., Sta
University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D................*Associate Professo*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D
Columbia University, 1926. (On leave.) (1938)

ELIZABETH K. LAWSON, Ph.D.................*Associate Professo*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York Un
versity, 1939. (1939)

ENGLISH

ISABEL MCKINNEY, A.M.*.................................*Profess*
A.B., The University of Chicago, 1901; A.M., Columbia Universit
1904; Graduate study, Teachers College, Columbia University, sur
mer, 1916. (1904)

HOWARD DEFOREST WIDGER, Ph.D.......................*Profess*
A.B., Yale University, 1910; Student, Columbia University La
School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (191

EUGENE M. WAFFLE, Ph.D......................*Associate Profess*
A.B., Indiana State Teachers College, 1925; Graduate study, T
University of Chicago, 1925-26; A.M., Columbia University, 19
Ph.D., George Peabody College for Teachers, 1939. (On leave
military service.) (1926)

ROBERT ARMAND SHILEY, Ph.D................*Associate Profess*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time gradua
student, The University of Chicago, 1926-31; Graduate study, Sta
University of Iowa, summers, 1929, 1930; The Sorbonne, Univers
of Paris, summer, 1933; Ph.D., Yale University, 1939. (On lea
for service in U. S. Naval Reserve.) (1931)

ANDREW JACKSON GREEN, Ph.D................*Associate Profess*
B.A., University of Michigan, 1923; A.M., State College of Washir
ton, 1929; Ph.D., University of Michigan, 1940. (Substitute associa
professor.) (1944)

WINNIE DAVIS NEELY, M.A.....................*Assistant Profess*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.
George Peabody College for Teachers, 1928; Graduate study, U
versity of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 19
(1934)

Marian Hesse Gallaway, Ph.D. .... *Assistant Professor*
B.A., 1925, M.A., University of Michigan, 1930; Ph.D., State University of Iowa, 1941. (Substitute assistant professor.) (1944)

FOREIGN LANGUAGE

Kevin Guinagh, Ph.D.* .... *Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. (1931)

Ellen Elizabeth Michael, A.M. .... *Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

Ruth Carman, A.M. .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

GEOGRAPHY

Norman Carls, Ph.D.* .... *Associate Professor*
B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (On leave for service in U. S. Naval Reserve.) (1940)

Ruby Mildred Harris, S.M.** .... *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (1923)

Rose Zeller, Ph.D .... *Associate Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

HOME ECONOMICS

Sadie O. Morris, Ph.D.* .... *Associate Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate study, University of California, 1923-24; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

Ruth Schmalhausen, D.Ed. .... *Associate Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; D.Ed., Pennsylvania State College, 1944. (1937)

HELEN LOUISE DEVINNEY, A.M............................Instructo
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbi University, 1940. (1943)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.*..........................Professo
A.B., North Central College, 1924; M.A., University of Illinois, 192 Ed.D., University of Missouri, 1936. (1938)

WAYNE P. HUGHES, Ed.D......................Associate Professo
Diploma, The Stout Institute, 1923; Coaching School, University Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M Columbia University, 1935; Ed.D., New York University, 1942. (C leave.) (1923)

RUSSELL HENRY LANDIS, Ed.D.................Associate Profess
B.S., The Stout Institute, 1930; M.S., Iowa State College, 193 Graduate study, The University of Chicago, summer, 1936; Ed.I Pennsylvania State College, 1940. (On leave.) (1930)

LIBRARY

MARY JOSEPHINE BOOTH, B.L.S.*..Associate Professor and Librari
A.B., Beloit College, 1900; B.L.S., University of Illinois Libra School, 1904; The University of Chicago, second summer term, 19 (1904)

ESTHER DUGGLEBY, M.A..................................Instruct
A.B., University of Denver, 1926; Library School, University Iowa, summer session, 1929; B.S. in L.S., 1931, M.A., University Illinois, 1938. (On leave.) (1935)

HARRIET LOVE, M.S...................................Instruct
A.B., Vassar College, 1926; Certificate, Library School of the U versity of Wisconsin, 1927; M.S., School of Library Science, Weste Reserve University, 1932. (1932)

MARGARET LORENA EKSTRAND, B.S. in L.S...............Instruc
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., Geo Peabody College for Teachers, 1942. (1942)

ALICE ELIZABETH BRAHENY, B.S. in L.S..................Instruc
A.B., Saint Mary-of-the-Woods College, 1933; B.S. in L.S., Univ sity of Illinois, 1941. (1944)

LEE ANNA JEWELL SMOCK, A.M..........................Instruc
B.A., Bethany College, 1925; B.S. in L.S., University of Illinois, 19 A.M., University of Kansas, 1931. (Substitute instructor.) (1944

MATHEMATICS

HOBART FRANKLIN HELLER, Ph.D.**............Associate Profes
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia U versity, 1940. (1931)

RUTH HOSTETLER, A.M. .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

MUSIC

LEO J. DVORAK, Ph.D.* .... *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (On leave for military service.) (1940)

THURBER H. MADISON, Ph.D.** .... *Assistant Professor*
B.S., 1929, M.A., University of Minnesota, 1934; Ph.D., Columbia University, 1941. (Substitute assistant professor and substitute head of music department.) (1943)

RUDOLPH D. ANFINSON, Ph.D. .... *Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail School of Music, 1938; M.A., 1933, Ph.D., University of Minnesota, 1939. (On leave for military service.) (1940)

ETHEL IRENE HANSON, A.M. .... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University of Wisconsin, 1924; Graduate study, Northwestern University, summers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

ROBERT AUSTIN WARNER, M.A. .... *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (On leave for military service.) (1938)

DONALD E. JOHNSON, A.M. .... *Assistant Professor*
B.S. in Ed., State Teachers College, Maryville, Missouri, 1933; Graduate study, State Teachers College, Maryville, Missouri, 1933-34; Julliard School, New York City, summer, 1936; A.M., Teachers College, Columbia University, 1938; Graduate study, Teachers College, Columbia University, summer, 1939. (1940)

MARGET IRENE JOHNSON, M.M. .... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

ELBERT INGOLD MASTEN, A.M. .... *Instructor*
A.B., 1932, A.M., Indiana University, 1934; Cincinnati Conservatory of Music, first semester, 1935-36. (Substitute instructor.) (1944)

PHYSICAL EDUCATION

Men

CHARLES P. LANTZ, Pd.D.* .... *Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of Physical Education, summers, 1909, 1910; Coaching School of University of Notre Dame, summer, 1925; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S. .... *Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939 and 1941. (On leave.) (1932)

Gilbert Carson, A.M. . . . . *Assistant Professor*
Diploma, Southern Illinois State Normal University, 1921; Coaching School, University of Illinois, summer, 1924; University of Colorado, summer, 1928; University of Southern California, first semester, 1929-30; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (On leave for military service.) (1936)

James Frederick Goff, B.Ed. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1935. (Substitute instructor.) (1944)

Women

Florence McAfee, Ed.D.* . . . . *Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

Edith Crawford Haight, Ph.D. . . . . *Assistant Professor*
A.B., The Women's College of the University of North Carolina 1915; A.M., Columbia University, 1926; Ph.D., New York University 1944. (1938)

Corinne Almyra Crogen, M.S. . . . . *Assistant Professor*
B.Ed., State Teachers College, LaCrosse, Wisconsin, 1936; M.S. Wellesley College, 1939. (1943)

Physical Science

Chemistry

Harris Eugene Phipps, Ph.D.* . . . . *Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois 1931. (1931)

Wilbur Irvin Rosenkranz, M.A. . . . . *Assistant Professo*
B.A., North Central College, 1927; M.A., University of Minnesota 1935; Graduate study, University of Minnesota, summer, 1944. (1943

Lawson Francis Marcy, Ph.D . . . . *Assistant Professo*
A.B., Evansville College, 1924; M.A., Columbia University, 1926 Ph.D., Ohio State University, 1943. (1944)

Physics

Ora Lee Railsback, Ph.D.* . . . . *Professo*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indian University, summers, 1924, 1926; The University of Chicago, sum mers, 1928, 1929; Ph.D., Indiana University, 1937. (On leave fo military service.) (1924)

William Marion Pierce, Ph.D.** . . . . *Assistant Professo*
A.B., 1918, M.S., 1920, Ph.D., Cornell University, 1928; Post-graduat work, Columbia University, 1935-36. (1942)

Social Science

Charles Hubert Coleman, Ph.D.* . . . . *Professo*
A.B., George Washington University, 1924; A.M., 1926, Ph.D Columbia University, 1933. (On leave.) (1926)

GLENN HURON SEYMOUR, Ph.D.**..............*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Post-graduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D..................*Associate Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Post-graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D..................*Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.*...................*Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A..................*Assistant Professor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935; Graduate study, University of Michigan, summer, 1937; University of London, summer, 1939; Northwestern University, summers, 1938 and 1940; University of Mexico, summer, 1941. (On leave for service in WAVES.) (1937)

RAINING SCHOOLS

HARRY LOUIS METTER, Ph.D.*.............................*Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D.............................*Principal of Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M...*Assistant Professor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M..*Assistant Professor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The University of Chicago, 1924; Summer Field Trip, Clark University, 1927; S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; University of Southern California, summer, 1941. (1920)

LOIS VIVIAN JOHNSON, M.A.......*Instructor and Sixth Grade Critic*
B.Ed., Northern Illinois State Teachers College, 1938; M.A., Northwestern University, 1939; Graduate study, Columbia University, summer, 1940. (1942)

BERNICE I. BANKSON, A.M.........*Instructor and Fifth Grade Critic*
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938; Northwestern University, summer, 1941. (1933)

MYRTLE ARNOLD, A.M. ....*Instructor and Fourth Grade Criti*
Diploma, St. Cloud State Teachers College, 1917; B.S., University Minnesota, 1930; A.M., George Peabody College for Teachers, 193 Graduate study, University of Wyoming, summer, 1939. (1930)

NANNILEE SAUNDERS, A.M. ....*Assistant Professo*
and Third Grade Criti
B.S., George Peabody College for Teachers, 1929; A.M., Columbi University, 1935; Graduate study, George Peabody College Teachers, summer, 1940. (1935)

VERONICA MARIE BECKER, M.A. ..*Instructor and Second Grade Criti*
B.S. in Ed., State Teachers College, California, Pa., 1941; M.A State University of Iowa, 1942. (1944)

ELLEN NUDD, M.S. ....*Instructor and First Grade Criti*
B.Ed., Northern Illinois State Teachers College, 1940; M.S., University of Illinois, 1941. (1944)

ETHEL IRENE HANSON, A.M. ....*Assistant Professor in Mus*
Diploma, Milwaukee State Teachers College, 1916; B.M., Universit of Wisconsin, 1924; Graduate study, Northwestern University, summers 1931, 1932, 1933; A.M., University of Wisconsin, 1935; Gradua study, University of Southern California, summer, 1941. (1927)

VIRGINIA OCTAVIA WHEELER, A.M. ....*Assistant Professor in A*
B.S., in Ed., 1929, A.M., University of Missouri, 1931. (1944)

JESSIE MARTHA HUNTER, A.M. ....*Instructor in Penmansh*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summ Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Mich gan State College, 1932; Graduate study, Columbia University, 193 36. (1937)

ALINE RUTH ELLIOTT, M.A. ....*Instructor in Physical Educati*
B.S. in Ed., Kansas State Teachers College, 1927; M.A., State U versity of Iowa, 1940. (1944)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D. ....*Princi*
of Teachers College High Sch
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Univers of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (19

DONALD RHODES ALTER, Ph.D. ..*Associate Professor in Social Scie*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia Universi 1924; Ph.D., University of Illinois, 1934; Post-graduate study, H vard University, summer, 1938. (1934)

ALLEN PERDUE BRITTON, A.M. ....*Instructor in Mu*
B.S. in Music Education, 1937; A.M., University of Illinois, 19 Part-time graduate study, Indiana University, 1940-41. (On le for military service.) (1941)

RUTH CARMAN, A.M. ....*Assistant Professor in La*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., U versity of Wisconsin, 1913; Graduate study, University of Califor summer, 1922; A.M., University of Illinois, 1925; Summer sess American Academy in Rome, 1927; Graduate study, University Colorado, summer, 1928; Vergil Cruise, summer, 1930; Grad study, University of Maine, summer, 1935; Colorado State Teach College, summer, 1937; University of Colorado, summers, 1940 1941. (1914)

Helen Louise Devinney, A.M. ....*Instructor in Homemaking*
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940. (1943)

Margaret Lorena Ekstrand, B.S. in L.S. ....*Instructor and High School Librarian*
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., George Peabody College for Teachers, 1942. (1942)

Lena Boyd Ellington, A.M. ..*Assistant Professor in Social Science*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers 1912, 1920, 1925, 1933, 1935; University of California, summer 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

Ewell Weldon Fowler, M.S. ....*Instructor in Industrial Arts*
B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; Graduate study, University of Missouri, summers, 1939, 1940, 1941. (On leave for military service.) (1941)

Edith Crawford Haight, Ph.D. ....*Assistant Professor in Physical Education*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Ph.D., New York University, 1944. (1938)

John Owen Harlan, B.Ed. ....*Instructor in Industrial Arts*
B.Ed., Eastern Illinois State Teachers College, 1941; Graduate study, University of Oklahoma, 1942-43; University of Minnesota, summer, 1944. (Substitute instructor.) (1944)

Ruby Mildred Harris, S.M. .....*Associate Professor in Geography*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring, and summer, 1941. (1923)

Gertrude Hendrix, M.S., A.M. ..*Assistant Professor in Mathematics*
A.B., DePauw University, 1926, M.S. (Education), 1930, A. M. (Mathematics), University of Illinois, 1935. (1930)

Ruth Hostetler, A.M. ....*Assistant Professor in Mathematics*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; Graduate study, University College, The University of Chicago, 1920 and 1923; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

John Robert King, Jr., B.S.M. ....*Instructor in Music*
B.M., B.S.M., Oberlin College, 1942. (Substitute instructor.) (1943)

Ica Marks, M.S. ....*Instructor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (On leave, November 1, 1944.) (1932)

Ellen Elizabeth Michael, A.M....*Assistant Professor in Frenc*

A.B., Coe College, 1928; A.M., The University of Chicago, 1929 Graduate study, The University of Chicago, summer, 1934; Columbi University, summer, 1935; Middlebury College, summers, 1939 an 1940; University of Mexico, summer, 1941; University of Illinois summer, 1942. (1930)

Winnie Davis Neely, M.A...........*Assistant Professor in Englis*

Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A. George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939 (1934)

William Marion Pierce, Ph.D......*Assistant Professor in Physic*

A.B., 1918, M.S., 1920, Ph.D., Cornell University, 1928; Post-graduat work, Columbia University, 1935-36. (1942)

Roberta Lee Poos, A.M..........*Instructor in English and Speec*

B.Ed., Illinois State Normal University, 1927; A.M., University o Illinois, 1935; Graduate study, Pennsylvania College for Women summer, 1937. (1935)

Wilbur Irvin Rosenkranz, M.A...*Assistant Professor in Chemistr*

B.A., North Central College, 1927; M.A., University of Minnesota 1935; Graduate study, University of Minnesota, summer, 1944. (1943

Marvin Frank Smith, M.A...................*Assistant Professo*
in Commercial Subject

A.B., Wabash College, 1925; M.A., Indiana State Teachers College 1935; Graduate study, Colorado State College of Education, Greeley summers, 1939, 1940; University of Illinois, summer, 1944. (1940)

Helen L. Taylor, M.A......................*Instructor in Englis*

B.S. in Ed., University of Minnesota, 1925; M.A., Creighton University, 1941; Graduate study, University of Minnesota, summer, 194 (Substitute instructor.) (1943)

Paris John Van Horn, M.S...........................*Instructo*
in Physical Education and Athletic Coac

B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 193 1940, and second semester, 1941-42. (1935)

Virginia Octavia Wheeler, A.M.......*Assistant Professor in A*

B.S. in Ed., 1929, A.M., University of Missouri, 1931; Graduate stud University of Missouri, 1940-42. (1944)

AFFILIATED TRAINING SCHOOLS

Hans Christian Olsen, Ph.D............................*Directo*
of Off-Campus Student Teachin

A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D Columbia University, 1926. (On leave.) (1938)

Charleston High School

U. B. Jeffries, A.M....*Superintendent of Charleston Public Schoo*

A.B., Indiana University, 1920; A.M., University of Wisconsin, 193 Graduate study, New York University, summers, 1935, 1936, 193 1938, 1939, 1942. (1941)

JUNE WENDELL PRICE, M.S. . . . . . . *Principal, Charleston High School*
B.S., 1939, M.S., University of Illinois, 1942; Graduate study, University of Illinois, summer, 1943. (1943)

WALTER RICHARD DENT, A.B. . . . . *Science*
A.B., Culver-Stockton College, 1925; Graduate study, University of Missouri, 1928, summers, 1931, 1932. (1943)

DORIS MARSOME NICKEL, B.S. . . . . *Commerce*
B.S., Indiana State Teachers College, 1939; Graduate study, Columbia University, summer, 1941; Indiana University, summers, 1943 and 1944. (1942)

MARY ELLISON ROACH, A.B. . . . . *Commerce*
A.B., MacMurray College, 1941. (1943)

Humboldt High School

KENNETH JONES FRASURE, M.A. . . . . *Superintendent, Humboldt Public Schools, History and Geography*
B.Ed., Southern Illinois State Normal University, 1937; M.A., University of Illinois, 1940; Graduate study, University of Illinois, summers, 1942, 1943, 1944. (1943)

RUTH AILEEN BROOKHART, B.Ed. . . . . *Commerce*
B.Ed., Eastern Illinois State Teachers College, 1942. (1942)

WILLIAM ROBERT MAGUIRE, B.Ed. . . . . *Mathematics and Science*
B.Ed., Western Illinois State Teachers College, 1937; summers, 1940, 1941. (1942)

ANNA MAY MARBLE, B.Ed. . . . . *Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1942; Graduate study, Colorado State Teachers College, summer, 1944. (1943)

MARY ELIZABETH POORMAN, B.A. . . . . *English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

E. ELIZABETH FRASURE, M.A. . . . . *Grades 5-8*
B.S., South Eastern Missouri State Teachers College, 1935; M.A., University of Colorado, 1940; Graduate study, University of Colorado, summer, 1941. (1943)

JESSIE PEARL STANHOPE, B.S. in Ed. *Grades 1-4*
B.S. in Ed., Eastern Illinois State Teachers College, 1944. (1944)

Kansas High School

JOHN C. ROBERTS, M.A. . . . . *Superintendent of Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940; University of Illinois, year 1941-42, summers, 1941, 1944. (1940)

Juanee Swearingen Boll, B.Ed. . . . . *Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939; University of Illinois, summer, 1942. (1940)

Kathleen L. Schoettle, B.Ed. . . . . *Commerce*
B.Ed., Southern Illinois Normal University, 1941. (1944)

Rural Schools

Glenna Juanita Albers, B.Ed. . . . . *Oak Grove Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-39; The University of Chicago, summer, 1943. (1937)

Mary Louise Hinman, B.Ed. . . . . *Muddy Point Rural School*
B.Ed., Western Illinois State Teachers College, 1941. (1943)

Edith Rosalie Smith, B.S. in Ed. . . . . . . *Clear Springs Rural School*
B.S. in Ed., Eastern Illinois State Teachers College, 1944. (1944)

EXTENSION

Bryan Heise, Ph.D.	*Director of Extension, Education*
Donald Rhodes Alter, Ph.D.	*Social Science*
Edith Crawford Haight, Ph.D.	*Physical Education*
Ruby Mildred Harris, S.M.	*Geography*
Richard Thomas Hartley, Ph.D.	*Biological Science*
Walter A. Klehm, Ed.D.	*Industrial Arts*
Elizabeth K. Lawson, Ph.D.	*Education*
Lawson Francis Marcy, Ph.D.	*Chemistry*
James Glenn Ross, Ph.D.	*Speech*
Howard DeForest Widger, Ph.D.	*English*
William G. Wood, Ph.D.	*Social Science*
William H. Zeigel, Ph.D.	*Education*

EMERITUS FACULTY

Ellen A. Ford, A.M.	*Dean Emeritus*
Fiske Allen, A.M.	*Professor Emeritus*
Simeon E. Thomas, LL.D.	*Professor Emeritus*
Annie Laura Weller, A.B., S.B.	*Professor Emeritus*
Edson H. Taylor, Ph.D.	*Professor Emeritus*
Albert B. Crowe, A.M.	*Associate Professor Emeritus*
Edith E. Ragan	*Assistant Professor Emeritus*
Anabel Johnson, A.M.	*Instructor Emeritus*
Gilberta Coffman	*Instructor Emeritus*
Anna Holden Morse	*Instructor Emeritus*

I. GENERAL INFORMATION

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, and the prospective teacher is expected:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above accomplishments into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running west through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, and eastward to Paris and Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion.

A bus line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of th building at a cost of $180,000. The corner stone was laid on th afternoon of May 27, 1896. The building and grounds were dedicate August 29, 1899, and on September 12, 1899, the institution was opene to students.

S. M. Inglis, chosen to be the first president of the institution i 1898, never served in this capacity due to his death in that same year Livingston C. Lord became the first president, opening the school o September 12, 1899, and served as administrator until his death, Ma 15, 1933. Edson H. Taylor, Professor of Mathematics, served as actin president from May 16, 1933, until September 30, 1933. Robert G Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the facult and two hundred and forty students. At the end of the first year June, 1900, four students were granted the diploma of the school. I 1944, seventy-seven students were graduated with the Bachelor o Science in Education degree.

During the summers from 1901 to 1919, a six weeks session was offered for teachers. From 1920 to 1932, the College offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 and in 1944 and 1945 an eight weeks summe term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. In 1943 an eleven weeks' summer term was offered, divided into two half terms—the first term of six weeks and the second term of five weeks. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920. Beginning with the class of 1944 the degree was changed to Bachelor of Science in Education (B. S. in Ed.)

BUILDINGS AND GROUNDS

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoological studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of $21,600 made by the General

Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house was used as a co-operative dormitory by a group of men students until it burned in the spring of 1942.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The General Assembly of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The General Assembly of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The General Assembly of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing, and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. The library contains over 61,400 books and pamphlet The reference books, bound periodicals, and reserve books are shelve in the two reading rooms. Here are also found the current number of more than 350 periodicals, including many devoted to special sul jects. The library has a dictionary card catalogue and the books ar classified according to the Dewey decimal system. There is a larg collection of classified pictures. Four librarians are in charge. Le sons in the use of the library are required in all curricula as explaine in the Description of Courses.

A children's library of about 4,500 books, in charge of a children librarian, occupies a commodious room at the north end of the thir floor of the Training School Building.

Greenhouse. A four-room greenhouse contains many plants of u usual interest and serves as an adjunct to the botanical laboratorie

Additional facilities for field observation and for obtaining labor tory materials are offered by a forest plantation within five minute walk of the biological laboratories.

Laboratories. The Science Building affords adequate laborator and classroom facilities for college classes in botany, chemistry, geo raphy, geology, hygiene, mathematics, physics, and zoology. The bi logical and physical science laboratories for the high school are als located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with fu standing as a Teachers College in the American Association of Teac ers Colleges. It is an accredited college in the North Central Associ tion of Colleges and Secondary Schools, and is recognized as a institution whose degree admits to full graduate standing in the Un versity of Illinois. The College is also an institutional member the American Council on Education.

EXPENSES

Tuition is free to legal residents of Illinois who are pursuing regular curriculum. Tuition of $15.00 a quarter in addition to all fee described below is required of others.

Fees for each quarter (12 weeks) are $19.50, distributed as follows

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see p. 29)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in a chemistry courses except Chemistry 340. Refund is made at the end the quarter of amount not used for actual breakage and normal usag

Fees for materials used are paid in certain courses in art, hom economics, and industrial arts. Completed projects are the propert of the student. Laboratory fees may be charged students taking certain courses to cover supplies and breakage. The amount of the fee is stated in the course description.

A fee of $7.50 is charged for each applied music course taken by a student whose major and minors are in fields others than music.

A towel deposit of seventy-five cents is required of each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

A locker deposit of $1.00 is required for each locker issued. This fee is returned to the student when the padlock is returned.

Candidates for graduation must make application for graduation at the Registrar's Office and pay the $5.00 graduation fee by April 1. This fee covers all graduation expenses, including use of cap and gown.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; a charge of $1.00 is made for additional copies of this transcript sent later.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The College operates a rental library which provides textbooks at unusually low cost. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of 50 cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged eac student who does not take the intelligence tests on the day when the are scheduled.

Student Photograph. An additional fee of 50 cents is charge if five prints of the student's photograph to be taken by the officia photographer are not filed in the Registrar's Office *within three week after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for $2.0 to $3.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 t $30.00 per quarter, payable quarterly in advance. For table board $90.00 a quarter is charged, payable monthly in advance ($30.00 at th beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $7.50 a week.

A deposit of $5.00 is required for a reservation at Pemberto Hall. Reservation is filed at the hall when deposit is received an credited at the business office. Application blanks will be sent at th request of students. In case of withdrawal a student must pay roo rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month' payment but forfeited unless the student cancels the reservation tw weeks prior to the opening of the quarter.

Housing Bureau. The College maintains a Housing Bureau in orde to assist students in finding rooms. Householders who have rooms t rent to students are registered with the bureau; the rooms are inspected, and when approved are put on the list of available rooms Approved rooming houses display cards with such announcement.

Students are required to live in approved houses except when special permission to room elsewhere has been secured from the Dean o Men or the Dean of Women. The Dean of Men is in charge of th approved list of rooms for men, and the Dean of Women is in charg of the list for women. Students may obtain this list by writing or ma secure this information upon arrival at the College.

FINANCIAL AID TO VETERANS

The College is cooperating with the Veterans Administration in th programs for the education and rehabilitation of veterans under Publi Law 346 (the G. I. Bill) and Public Law 16 (Veterans Rehabilitation)

Any man or woman, discharged or released under conditions othe than dishonorable, who has served ninety days or more in active military or naval service since September 16, 1940, exclusive of time spen in the service academies or special college training programs of th

my or Navy, whose education was interfered with by entrance into
e service, or who desires a retraining or refresher course, is eligible
r educational benefits under Public Law 346, and veterans with
rvice-incurred disabilities may be entitled to educational benefits
der Public Law 16.

Under Public Law 346, eligible veterans are entitled to one year
education which, upon satisfactory completion, may be extended to
ual the veteran's length of service (exclusive of ninety days and of
ecial service courses) but not to exceed a total of four years, with
bsistence allowances of $50 a month ($75 a month for veterans with
pendents) and the payment of all tuition, laboratory, library and
alth fees, books, supplies, etc., not to exceed $500 for a school year.
here are varying benefits under Public Law 16, determined in each
se by the Veterans Administration.

Veterans who wish to enter Eastern under Public Law 346 should
ake application through the Registrar of the College. Admission to
e College need not wait for final approval of the application by the
terans Administration.

Veterans who wish to enter Eastern under Public Law 16 must
ake application to the regional office of the Veterans Administration.
e Registrar is prepared to assist in making such application. Appli-
tion for benefits under Public Law 16 should be made as far as pos-
ble in advance of the date of entrance.

SCHOLARSHIPS

Military Scholarships. Members of the armed services during
orld War I or the present war who were residents of Illinois at the
ne of entering the service and who hold honorab'e discharges are
igible for scholarships which exempt them from the payment of the
gistration fee ($10.00). Holders of such scholarships pay the student
tivity fee of $6.00 and the book rental fee of $3.50.

Normal School Scholarships. These scholarships were authorized
an act of the General Assembly in 1935 stating that:

> There shall be awarded annually to each recognized four-year high
> hool with an enrollment of less than five hundred (500) students one (1)
> holarship; to each recognized four-year high school with an enrollment of
> e hundred (500) to one thousand (1,000) students, inclusive, two (2)
> holarships; and to each recognized four-year high school with an enroll-
> ent of more than one thousand (1,000) students, three (3) scholarships.
> ch scholarship shall entitle the holder thereof to gratuitous instruction in
> y state normal school or teachers college for a period of four years.
>
> The county superintendent of schools will certify the names and ad-
> esses of such students so certified to him to the Superintendent of Public
> struction, who shall issue to each student a certificate of scholarship which
> all be accepted by the authorities of any state normal school or teachers
> llege in lieu of any entrance examination, and shall exempt the holder
> ereof from the payment of any tuition, matriculation, or incidental fees
> atsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships must make application
r enrollment in the College by August 15. The scholarship is for-
ited if the holder is not enrolled within ten days after the opening
the quarter.

Holders of Normal School Scholarships pay only the student
tivity fee of $6.00 a quarter and the book rental fee of $3.50. The
holarship must be presented on registration day. Normal School

Scholarships are honored only for three quarters during the calen year.

Lindly Scholarships. Holders of valid Lindly Scholarships, iss before 1936 and received at the time of graduation from the eig grade, pay only $6.00 for the student activity fee and the book ren fee of $3.50. The scholarship must be presented on registration d

University of Illinois Graduate Scholarship. The University Illinois offers a graduate scholarship to a degree graduate of not m than three years standing, engaged in educational work, of the va of remission of fees and a remuneration of three hundred and fi dollars. The student nominated by the faculty for 1944-45 was Rebe Jean Henderson, a major in English.

The Florence Vane Skeffington Scholarship. In memory of F ence Vane Skeffington, whose rare abilities and personality gave ch acter to the English work of this school for seventeen years, Florence Vane Skeffington Scholarship is awarded annually at Co mencement to a student whose gifts and attainments promise disti tion in the teaching of English. The award for 1944-45 was made Theodorsa Rae Ruhmann.

The Livingston C. Lord Memorial Scholarship. The Alumni As ciation of the College has established a scholarship fund in memory Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from interest on the fund to a junior or senior student whose charac scholarship, and skill in teaching promise service of distinction in field of education. The award for 1944-45 was made to Willa Fran Lane.

Pi Omega Pi Scholarship. In order to further interest in scho ship, the Alpha Chi Chapter of Pi Omega Pi awards annually dollars ($10.00) to the freshman Commerce major who at the end the winter quarter has attained the highest general scholastic a age. In order to qualify for the award, the student shall also have tained at least an average of B (2.0) in commerce and hold active m bership in the Commerce Club.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 has been amen to read as follows:

Section 1. It is the duty of the Department of Registration and Edu tion to provide, insofar as moneys are appropriated to it for such purpo for matriculation and tuition fees, board, room rent, books and supplies the use and benefit of children, not under sixteen and not over twenty- years of age, who have for twelve months prior to their application for th benefits had their domicile in the State of Illinois, of World War I veter who were killed in action or who died between April 6, 1917, and July 1921, and of World War II veterans who were killed in action or died a December 6, 1941 and before the cessation of hostilities of such war, as a sult of service in the Army, Navy, or Marine Corps of the United States, from other causes in World War I or World War II; which orphans are tending or may attend a state educational institution of a secondary college grade, a business college or any high school, vocational train school or other educational institution in this State where courses of instr tion are provided in subjects which would tend to enable such orphans to engage in any useful trade, occupation or profession. Said children shall be admitted to state institutions of secondary or college grade free of tuition. Provided however, that not more than one hundred and fifty dollars ($150.00) shall be paid for any one child for any one school year.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the unior or senior year to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there s given to the Student Loan Fund the annual income from about six housand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

In 1934 there was left to the college by the will of the late John J. Whisnand of Charleston, upon the death of his widow, a portion of his estate as an endowment, the income from the endowment to be available for financial assistance to deserving students. The amount n trust with The Charleston National Bank as trustee is $5,765.91.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund s to be loaned to young women students of high character and scholar-hip during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are n important agency for developing initiative, and for organizing bility and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter elds, in music, in dramatics and public speaking, in journalism, in rganized social life, in current affairs, and in recreation and athletics form the college program. There is a Student Council consisting of a president and sixteen members apportioned as follows: one representative from each of the following organizations—Sigma Tau Gamma raternity, Phi Sigma Epsilon Fraternity, Sigma Sigma Sigma Soror-y, Delta Sigma Epsilon Sorority; two representatives from Pemberton Hall; president of the Men's Union; president of the Women's eague; three class presidents; Freshmen leader; two men elected from the student body at large and two women elected from the student body at large.

Extra-curricular activities and the Student Health Service are nanced by a Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, college debates and oratorical contests, and entitles the student to copy of the weekly paper, *The Eastern Teachers News*, and if in atten ance the three quarters of the regular year, to a copy of the college a nual, *The Warbler*. This fee is divided among the various activiti by an Apportionment Board. The major activities are in turn govern by boards composed of faculty and students, with student represent tion in majority. The boards for 1944-45 with their chairmen are follows:

BOARD	CHAIRMAN
Apportionment	Earl S. Dickerson
Athletics and Sports	Charles P. Lantz
Entertainment	Glenn H. Seymour
Forensics and Dramatics	J. Glenn Ross
Health and Hospitalization	Mary E. Thompson
Music Activities	Thurber H. Madison
Social Activities	Elizabeth K. Lawson
Student Publications	Kevin J. Guinagh

Each organization receiving funds from the Student Activity F presents an annual accounting of receipts and disbursements throu the President of the College to the State Teachers College Board.

HEALTH SERVICE

The College Health Service maintains offices and examinati rooms in the Health Education Building. This service supervises t annual physical examination and general health condition of studen as recommended by the American Association of Teachers College Students are afforded seven days of free care in a ward of the loc hospital upon recommendation of the Health Service.

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News*, is publish weekly by a student staff under a faculty adviser, with Wednesday date of issue. Special issues are devoted to various occasions of t college year. Staff membership is open to all students, and is usual achieved through completing the courses in journalism offered by t Department of English, or by written application to the Board of St dent Publications. For the last fourteen years *The Eastern Teache News* has held first place in competitive ranking of the college new papers of Illinois, and for the same period, the enviable position "first class" in the ranking of the School of Journalism of Columb University. In 1935 and 1937-1944, the high position of medalist w achieved in the Columbia rating as well as All-Columbian, 1936-194 *The Eastern Teachers News* is a member of the National, the Columb University, and the Illinois College press associations.

The college yearbook, *The Warbler*, is issued annually as a pi torial and achievement record of the college year. A student editori and business staff, supervised by a faculty adviser, is responsible f the publication. Staff membership is open to any student in colleg

The Warbler of 1937, 1938, 1939, 1940, 1941, and 1943 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to *The Warbler* of 1938, 1939, and 1943.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the College. Social functions are scheduled on the social calendar after approval of the committee. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members of the Social Activities Board. The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women.

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. It is governed by a Council of Nine, elected by the membership at large and representing each of the four classes.

ATHLETIC ACTIVITIES

The College is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. A well-organized program of intra-mural games for men is carried out.

Varsity Club. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

Women's Athletic Association. The purpose of this association is to advance the standards of sportsmanship and promote athletics. It is organized into clubs, such as hockey, soccer, badminton, bowling, basketball, baseball, archery, golf, tennis, social dancing, and the modern dance. Any woman is eligible for club membership and a W. A. A. etter is awarded to those who receive credit in eight clubs. The organization sponsors co-educational recreation activities, "Sports Days" with other colleges of the state, and a spring dance recital.

SPEECH ACTIVITIES

Dramatics. The dramatics organization is known as “T Players.” Its leading activities include the annual presentation three major productions. Tryouts for parts in most of these plays a open to all students. A system of regular meetings deals practical with the activities connected with the amateur stage and permi student production of a series of one-act plays. Accumulated parti pation in dramatics elects to membership in Illinois Epsilon Chapt of Theta Alpha Phi, national honorary dramatics society.

The auditorium in the Health Education Building has a large sta with modern equipment.

Forensics. Eastern's intercollegiate forensic affiliations inclu Pi Kappa Delta, a national honorary society, the Illinois Intercollegia Debate League, and the Illinois Intercollegiate Oratorical Associatio

In 1944-45 Eastern won third in oratory and third in extempo speaking in the Pi Kappa Delta Provincial Tournament held at DeKal third in oratory in the State Tournament held at Peoria, and first Eastern's Seventh Annual Invitational Debate Tournament.

During the year student speakers had frequent opportuniti to appear before community organizations to discuss war and pos war problems.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportuniti for musical growth through enjoyable activities which, in turn, co tribute richly to the life of the College. Instrumental organizatio include a uniformed marching band which functions during the footba season, a concert band of complete instrumentation, and a conce orchestra. The major choral organizations are the A Cappella Choi the Men's Glee Club, and the Cecilian Singers. Small vocal and i strumental ensembles afford additional opportunities for talent students to participate in studying and re-creating music appropria to these media.

All the major organizations provide musical selections for chap and various programs throughout the year, uniting to present t “Messiah” at Christmas in alternate years, and an oratorio or ope in the spring. The Glee Clubs, the A Cappella Choir, the Orchestr and the Symphonic Band annually present public concerts and repr sent the College in radio broadcasts and in concert tours throug eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by sever departments and by student-faculty groups with common interest Off-campus speakers often appear on the programs of these club Clubs under present recognition are:

Alpha Beta Gamma, a student branch of the National Associatio of Childhood Education, the purpose of which is to promote the ed tion of young children. Students in the elementary education cur- ulum are eligible for membership.

Art Club, an organization of students interested in art. The club onsors exhibitions, lectures on art and other subjects, and social airs for its members. The club is affiliated with the American Feder- ion of Arts.

Commerce Club, organized to promote the professional growth, creation, and general welfare of students in the Commerce depart- ent.

Country Life Club, a student organization interested in developing dership in and through recreational and social activities such as mmunity sings, folk dances, games, and dramatics. It aims also to velop mutual understanding and appreciation of rural and city com- nities through discussions, talks, and moving pictures.

Eastern State Club, a campus organization formed in 1937, with mbership limited to thirty-five students. It directs its efforts toward omoting greater student, faculty, and alumni interest in college airs. The organization may elect one faculty member to honorary mbership each year. Honorary members are President Robert G. zzard, Winnie Davis Neely, Elizabeth K. Lawson, and Hobart F. ller.

The Forum, a discussion group of faculty and students interested i current economic, political, and social problems.

French Club, organized for improving conversation in French and t study of French life.

Geography Club, sponsored by students using geography as a major o minor teaching subject.

Home Economics Club, an organization for young women enrolled i home economics with its primary objective to further the profes- snal and social life of its members.

Industrial Arts Club, organized for the professional and social avancement of young men expecting to teach in this field, and serv- i as campus hosts for the Illinois Tenth District Round Table of ilustrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases o mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty, and others interested i music education. The activities of the organization are planned to omote professional interest in the field and to give a purposeful p spective to those planning to teach.

The Players, open to students interested in the technique of d matic art. Joint meetings are held with Theta Alpha Phi, and t club functions as preliminary training for membership in the f ternity.

Science Club, organized by students of botany, zoology, physic chemistry, and geography.

Sigma Delta, a local journalistic club formed in 1930 to stimulat the expression of student opinion through the college newspape Membership is open to all students interested in journalism. Facult and townspeople are welcome to attend meetings during which speci speakers are presented.

Speakers Club, open to students interested in speech activitie such as debating, oratory, extempore speaking, and discussion. Joir meetings are held with the Sigma Chapter of Pi Kappa Delta, nation honorary forensic fraternity, to which qualified members of "Th Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encou age attempts at creative writing. Joint meetings are held with th Sigma Tau Delta fraternity, and the club functions as preliminar training for membership in the fraternity.

NATIONAL HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, an inte national honor society in education, was installed January 2, 1931. St dents are elected to membership primarily upon the basis of hig scholarship, good character, and promise of success in teaching. Ele tion to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delt a national professional English fraternity, was installed February 1 1932. Only honor students in English in the senior college are eligibl and the number initiated is limited by the national constitution. Ass ciate and local members are chosen from among students who sho marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national hono ary fraternity in industrial arts, was installed May 25, 1933. Membe ship is limited to students with high scholarship in industrial arts an with personal qualifications that promise success in teaching.

Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon, national professional fraternity in mathematics, was installed Apr 11, 1935. This fraternity promotes interest and stimulates scholasti achievement in mathematics, and works in close cooperation with th Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, national honorary fraternity in dramatics, was installed June 6, 193 Membership in this society is awarded on the basis of merit in dra matics. The purposes of the organization are to increase interes stimulate creativeness, and foster artistic achievement in all of th allied arts and crafts of the theater. In pursuance of these ends, th fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of Kappa Pi, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Pi Kappa Delta—Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of Gamma Theta Upsilon, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES AND SORORITIES

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929 to 1941 it existed as Fidelis, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life.

Sigma Sigma Sigma, Alpha Psi Chapter, a national teachers college sorority, was installed February 28, 1942, with the members of Alpha Tau Nu, a local sorority, initiated as charter members. There is a strong alumnae group in an effectively organized chapter. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

Delta Sigma Epsilon, Alpha Nu Chapter, a national teachers college sorority, was installed March 13, 1943, with the members of Chi Delta Gamma, a local sorority, initiated as charter members. The chapter has a sorority house occupied by the undergraduates and used as headquarters for the alumnae. It has a large, strong alumnae group and an active membership of about twenty-five. Members are chosen for their scholastic ability, leadership, and talent for living.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student organizations.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the President of the College must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president.
Editor of the Warbler or News.
Business Manager of the Warbler or News.
President of a fraternity or sorority.
Treasurer of a fraternity or sorority.
President of the Men's Union.
President of the Women's League.
President of the Student Council.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. A student who is on probation may participate in extra-curricular activities only with the permission of the Dean.

ALUMNI ORGANIZATIONS

The Alumni Association. The officers of the Alumni Association are: Mr. Arthur C. Forster, '23, President and Chairman of the Executive Committee; Mr. Theodore Cavins, '26, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

The Chicago Alumni Club. The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the president, Theodore Cavins, Lake Forest High School, Lake Forest, Illinois.

The Associated Eastern State Clubs. The Associated Eastern State Clubs consist of twenty-one groups composed of graduates and former students. With the exception of the Springfield Club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program.

The affairs of the Associated Eastern State Clubs are directed by an executive council. The current membership of the Council consists of Miss Florillo Gard, '39, Casey, Chairman; Mr. Arthur Forster, '23, Paris; Mr. Harold Cottingham, '35, Bloomington, Indiana; Mr. U. L. Evans, '42, Shelbyville; Mr. Everett L. Clinard, '33, Oblong; Mrs. Thomas Manuell, '12, Decatur; Mr. Theodore Cavins, '26, Lake Forest; Mr. Stanley Elam, '38, Willow Hill; Miss Janet Southard, '26, Tuscola; Dr. William Zeigel, Charleston, Secretary-Editor and Ex-Officio Member of Council.

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them to secure well-qualified teachers. It serves students and alumni by assisting them to secure positions.

The Bureau of Teacher Placement furnishes to prospective employers information needed in considering applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and references from faculty members and the home community.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the College.

The services of the bureau are free to students enrolled in the College. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

I. A limited elementary school certificate may be obtained a follows:

(A) Applicants who have completed sixty semester hours o work in elementary training courses including ten seme ter hours of education, five semester hours of which sha be in student teaching, are eligible for an examinatio which if passed successfully entitles them to a certi cate.*

(B) Applicants who hold a bachelor's degree in elementar education with a minimum of sixteen semester hours i education including at least five semester hours in studen teaching.

II. A limited kindergarten-primary certificate may be obtained a follows:

(A) Applicants who have completed sixty semester hours o work, including ten semester hours of education, fiv semester hours of which shall be in student teaching, ar eligible for an examination which if passed successfull entitles them to a certificate.

(B) Applicants who hold a bachelor's degree with at least sixt semester hours in a recognized kindergarten-primary trai ing school with a minimum of sixteen semester hours i education, including at least five semester hours in studen teaching.

III. Graduation with the degree from a high-school curriculu gives a limited high-school certificate.

IV. If the student has taught successfully for four years he ma also have a supervisory certificate.

It is the uniform practice of the five teachers colleges in Illino that institutional credit blanks applying for a certificate shall be se only to the State Examining Board.

Note: For certification and graduation requirements relative t scholarship, see pp. 45 and 47.

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* Students planning to take the state examination for certificate to teac in the elementary or rural schools at the end of two years of college wor should have their course planned to fit their individual needs by the dean o registrar when they enroll.

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE						
	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. SCOPE OF VALIDITY:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching;	Teaching; supervision	Teaching: supervision kindergarten	Teaching	Teaching	Teaching Supervision
(c) Grades of school system	1-12	7-12	1-12	1-3	1-9	7-12	13-14
II. REQUIREMENTS FOR ISSUE ON CREDITS:							
(a) College semester hours	120	120	120[1]	120[2]	120	Prescribed by Board[6]	Master's[8]
(b) Semester hours in education	16	16[3]	16[3]	16[3]	16[3]		20
(c) Teaching experience	4 yr.	0	0	0	0	0	0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth	15 15 15 120[9]	Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:							
(a) College semester hours			60[5]	60[5]	60[5]		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—							
1. First renewal			75	75	75		
2. Second renewal			90	90	90		
3. Third renewal, etc.			120	120	120		
IV. CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:							
(a) Years of successful experience	Super. 4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life Kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.
[2] Including 60 semester hours in a recognized kindergarten-primary training school.
[3] Including 5 semester hours in practice teaching.
[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.
[5] Ten semester hours in education, of which five shall be in practice teaching.
[6] Must meet requirements of Examining Board.
[7] Two years of which shall have been in Illinois.
[8] Including major in field taught.
[9] Including 16 semester hours in education.

II. INSTRUCTION

ORGANIZATION

The Eastern Illinois State Teachers College comprises the colleg proper and the Training Schools. Several public schools in nearb communities are Affiliated Training Schools.

The Training Schools include the Teachers College Elementar School of grades one to eight inclusive, and the Teachers College Hig School of grades nine to twelve inclusive. The Teachers College Hig School is recognized as standard by the Office of the State Superi tendent of Public Instruction, and is on the accredited list of th University of Illinois and of the North Central Association of College and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rur schools, Clear Springs, Muddy Point, and Oak Grove, the three-roo Elementary School and the four-year accredited High School in th nearby village of Humboldt, the Kansas Community High School, an the Charleston High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve week each. In addition there is a summer term of eight weeks.

REGISTRATION

Orientation Program for New Students: In the fall quarter a pr gram of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requeste to meet in Room 216 in the Science Building at nine o'clock on Monda morning, September 10, 1945. Since students are given specific dire tions for registering when they assemble for the conference at nin o'clock on Monday, it is essential that every new student be presen Any student who registers later than Monday is required to pay a lat registration fee of one dollar.

Upper classmen are urged to complete their registration durin the morning of September 10.

Classwork for all students starts at eight o'clock, Tuesday mornin September 11.

ADMISSION REQUIREMENTS

Admission to Freshman Class: Graduation from a recognized c accredited four-year high school admits to membership in the freshma class.

Probationary Freshman Admission: Fifteen acceptable units fro a recognized high school. Requirements for high school graduatio must be completed in the freshman year.

Transfer Students. Students transferring from other colleges mus present high school and college credentials and are given advance standing only for work which is the equivalent of that offered in th Eastern Illinois State Teachers College.

THE CECILIAN SINGERS

TOWERS OF MAIN BUILDING

Students dropped or on probation from other colleges for scholastic or disciplinary reasons are admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

College Credit for Military Service. All veterans who wish to apply for advanced standing for college courses or training courses aken while in military service should apply to the Armed Forces Institute at Madison, Wisconsin, for a record of courses taken and submit the record to the Registrar. Evaluation of such courses is made in accordance with the recommendations contained in the handbook of the American Council on Education provided the courses taken can be considered as reasonable substitutes for work ordinarily accepted by he College for advanced standing.

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

Application for admission blanks and detailed information regardng transfer of credits may be obtained by writing to the Registrar.

A registration permit is mailed to each prospective student when his application for admission and his record have been checked and iled.

GRADUATION

Degree. The degree of Bachelor of Science in Education (B.S. in Ed.) is conferred upon successful completion, subject to the rules given below, of the requirements of any of the four-year curricula described in this bulletin.

Each curriculum prescribes one hundred ninety-two quarter hours of regular courses, together with one quarter hour in library use Library 120) and required courses in physical education. Two of the urricula, Commerce and Elementary Education, require, in addition, a ne quarter hour course in penmanship (Commerce 120).

Prior to September, 1943, students were required to take physical ducation during the six quarters of their first two years of residence, nd to present for graduation, therefore, six quarter hours in physical education. Beginning with the fall quarter of 1943 all students are equired to take physical education during every quarter of residence. The number of quarter hours of physical education required for graduaion is thereby modified to equal the total number of quarters in which he student was, or should have been, registered for the work during his total period of residence.

Credit earned in dramatics or in musical organizations is in excess of the total required for graduation, except for "ensemble" credit iven to students with a major or a minor in music.

Correspondence courses taken through accredited colleges or xtension courses taken either through this institution or other accredited colleges are accepted toward a degree provided such courses are in harmony with curriculum requirements and provided the tot of such work accepted does not exceed forty-eight quarter hours.

Credit earned in residence in other accredited colleges is accept toward a degree provided it is in harmony with curriculum requir ments and provided that no senior whose grade point average is le than 1.0 may transfer such work for credit.

A year of residence work (Senior College credit) is required f the degree.

One-third of the student's credits toward graduation must be courses not open to freshmen and sophomores. This is a standard the American Association of Teachers Colleges.

Scholarship requirements for graduation are given in the ne section.

The University of Illinois admits to full graduate standing grad ates of the Teachers College who present twenty semester hou (thirty quarter hours) of content courses in one major academic su ject other than education.

Registration with the Bureau of Teacher Placement is a graduati requirement.

Students planning to teach in high schools should see that the records satisfy the requirements of the Illinois Examining Board a the North Central Association.

Diploma. The junior college diploma is awarded upon successf completion of the two-year general curriculum outlined in this bulleti with a grade point average of 1.0 or higher, and with three-fourths the grades C or above. At least one year of residence work is requir for the diploma.

The records of those who expect to complete a curriculum in current year are checked at the beginning of each quarter and April 1. A statement of the courses necessary for the completion his work is given to each senior in the spring quarter of his junior ye and is used by him in making his programs for succeeding quarter The list of candidates for graduation is based on the checking April 1. **No names will be added to the list of candidates for graduati after April 1.** A student who is not more than twelve quarter hou behind the class at that time may participate in commencement exe cises with the class and receive his degree at the close of the summ term if he completes the work by that time. It is possible to ea twelve quarter hours in the eight weeks' summer term.

Special Requirements for Degree or Diploma. A graduation f of $5.00 is due and payable by April 1 from all candidates for gradu tion. This fee covers all graduation expenses, including use of ca and gown.

A photograph, size not larger than 1½″ x 2½″, is required of eac candidate for graduation for the files of the Registrar's Office.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, Withdrew[3]	0 grade point
F, Failure	—1 grade point

I. **Graduation Honors.** These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year and the sophomore year in the case of Junior College diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his academic courses and B average in the remainder.

Graduation with honors requires a grade of A in one-half of the student's academic courses; B or higher in one-fourth of his academic courses; and C average in the remainder.

Graduation honors are noted on the diploma and announced at Commencement.

II. **Scholarship Honors.** Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. **Admission to Student Teaching.** 1. For registration for student teaching in any quarter in any curriculum a student must have a C (1.0) average or higher.

2. Students transferring from other colleges must be in attendance at least one summer term or one quarter during which they earn sixteen quarter hours of credit. They must have a C average, or higher, for all their work and meet all the other requirements that apply to eligibility for student teaching.

3. Students who meet all the requirements may be admitted to student teaching in the sophomore or junior year with permission of the Dean and the Director of Teacher Training.

4. No student may be admitted to student teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education, Library 120, and Commerce 120.

5. No junior or senior is eligible to take student teaching until he has completed Library 120. Students in a four-year elementary or

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[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time **without the written permission of the Dean of the College** entails a grade of F (Failure).

commerce curriculum must also have completed Commerce 120 befor being eligible for student teaching.

IV. **Certification and Graduation Requirements.** C average (1.0) i required for graduation and for recommendation for certification. No more than one-fourth of the student's grades may be D.

An average of C in the major subject is also required for graduation.

V. **Extra Work.** No freshman may register for extra work i his first quarter.

No student may register for extra work in the first quarter i which he is taking student teaching.

No student whose average is below B in the preceding quarte may register for extra work.

VI. **Probation.**

Regular School Year.

A student is considered to be on probation during a quarter if i the preceding quarter he received in regular four quarter hou courses:*

1. A total of less than two grade points.
2. Three grades of D.
3. A grade of F in one course and lower than C average in th remaining courses.
4. Grades of F in two courses.

A student who is on probation is reported as on probation here if h has his record sent to another college. Students on probation are no permitted to take more than three courses each quarter.

Summer Term. Students who fail in one course and have les than C average in the remaining courses, or who receive two grades o D are on probation for the following quarter.

VII. **Exclusion.** A student who fails in three courses, twelve quarter hours, in any quarter, is dropped from the College.

A student who has been on probation for two consecutive quarter and whose grades at the end of this period would place him on probation again is excluded from attendance for a period of one calenda year unless he is given special permission by the Dean of the Colleg to remain. He is reported as "Dropped on account of low scholarship if his record is transferred to another institution.

VIII. **Withdrawal.** A student who wishes to withdraw from th College before the end of a quarter must notify the Registrar at th time of withdrawal. Such a student will receive grades of W in al courses, except that if the withdrawal takes place after the close o the eighth week of the quarter, grades of W will be recorded onl for courses in which he is doing passing work; grades of F will b recorded for courses in which he is failing.

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* Music students and others whose curricula prescribe courses of on and two quarter hours will have their probation status determined afte weighting the grades in such courses.

If a student discontinues attendance in all classes without notifying the Registrar of intention to withdraw from the College, grades of F will be recorded in all courses, and his record will be marked "Dropped for low scholarship" if transferred to another institution.

IX. **Attendance at Classes.** Students are expected to attend all classes for which they are registered unless prevented by illness or some other urgent reason. Students who have been absent because of illness must present a permit from the Health Service upon returning to classes.

No student may register for any course not scheduled on the program.

EXTENSION SERVICE

The organization of Extension courses has made it possible for the College to assist teachers in service to continue their education. Extension work to the extent of not more than 48 quarter hours of credit may be accepted toward graduation.

Organization. Classes may be organized in communities in which twenty or more students can agree upon an acceptable course. The courses offered are usually on junior or senior year level, but freshman or sophomore courses may be offered if desired.

Entrance. The courses are open to (1) high-school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon previous attendance at the Eastern Illinois State Teachers College.

Credit. Classes meet in weekly periods of one hundred fifty minutes each for sixteen weeks. Four quarter hours of credit are given upon satisfactory completion of a course.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for textbook rental. When textbooks cannot be supplied by the college textbook library the rental fee is waived and the members of the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours). The normal load in one quarter is 16 quarter hours of prepared work.

Seniors enrolled in freshman courses are allowed only eigh quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra. o band is in excess of the total required for graduation except for thos whose major or minor is music. Such students receive certain state credits under the title "Ensemble."

A statement of the amount of credit is included in the descriptio of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300-399, junior courses; 400-499, senior courses.

MAJOR AND MINOR SUBJECTS

In the curricula for high-school teachers, a student takes at leas 36 quarter hours of work in a major subject exclusive of courses i methods and in practice teaching and 24 quarter hours each in one o two minor subjects. In some cases the minor subjects are specified b the department of the major subject and in other cases left to th student's choice. The courses in the minor subjects must constitut two years' work in some one department or related field. One of th three terms of practice teaching should be in a minor subject.

A student may take the Bachelor of Science in Education degre in elementary education, in which case he specializes in the subject appropriate to this field, and he must have an academic minor i addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

ELECTIVES

Each curriculum provides for a number of elective courses. Students are urged to use their electives, in the main, to build additiona minors.

A few courses are not accepted as electives in certain curricula These exceptions are noted in the description of courses.

DESCRIPTION OF CURRICULA

I. TWO-YEAR CURRICULA

1. Two-Year General College Curriculum.

A two-year general college curriculum is offered for students wh have not definitely chosen a teaching field, or who wish merely t take two years of general college work. By proper choice of electives students who complete this curriculum are able to satisfy the requirements for a degree in Botany, Chemistry, English, Foreign Languages, Geography, Mathematics, Physics, Social Science, Speech, or Zoology in two additional years. Students who do not wish t continue at Eastern may, upon satisfactory completion of the curriculum, be awarded a junior college diploma.

A bulletin describing specialized two-year curricula will be sent on request to the Registrar.

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science[1]
Elective[2]
Elective[2]
Physical Education
Library 120

SOPHOMORE YEAR

Social Science 233, 234, 235
Foreign Language[3]
Elective[4]
Elective[5]
Physical Education

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[1] May be one year of Botany, General Biology, Physics, Chemistry, Zoology, or General Physical Science.

[2] Must be selected so that the four subjects are in four different fields. Courses in Education may not be counted as electives.

[3] If the student has had two years of foreign language in high school he may substitute an elective.

[4] Must be the second year in some subject studied during the first year.

[5] May be the second year in some subject studied during the first year. No more than two years of work may be done in any vocational field.

2. Two-Year Curriculum for Students Who Wish to Take the Examination for a Limited Elementary Certificate.

Students who wish to take work preparatory to writing the examination for a Limited Elementary Certificate should have their programs arranged by the Dean or the Registrar.

II. FOUR-YEAR CURRICULA

For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Hygiene 120, Mathematics 120, 121
ocial Science 137, 138, 139
Biological Science 126, 127, 128
ommerce 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Education 228
Art 130, Art 224 (124), Industrial Arts 224
Physical Science 100, 101, 102
Education 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Education 324 (224), 325 (225), 343
Social Science 233, 234, 235
Elective, Geography 221, 236
Elective, Indus. Arts 225, Music 228
Physical Education 315, 316, 317

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348*, Speech 345
Elective, Education 344, Education 447
Advanced Elective (Year)
Physical Education (Year)

* Or English 343 or 344 or 449.

Notes: 1. Those preparing for the lower grades should choose English 122 instead of English 124 or 126.

2. Students preparing for rural school teaching take student teaching in an affiliated rural school.

For Preparation of High-School Teachers

The "core" of the four-year curriculum for high-school teachers is the same in all departments with the exception mentioned in the footnotes. In order to aid students who may wish to transfer from o major to another, these requirements are listed below:

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)*
Major Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 qua
Junior English Examination
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345
Major Subject (Year)
Minor Subject (Year)
Physical Education (Year)

This leaves a minimum of 10 electives.

* At least one of the quarters in Social Science must be chosen fr Social Science 233, 234, 235.

Note: There are a few exceptions to the above requirements which a noted in the outline of the major field.

An examination in English, covering the elements of good form and organization, is required of all juniors, and will be given during the f or winter quarters. Students who do not pass this examination must ta remedial work in English (English A) before they will be admitted to a teaching course.

A. ART

The curriculum in art is designed to give the student basic know edge and skills with practice work so that he may develop his abili to do creative work in the visual arts. The materials of the vario art subjects have been organized so that the student is prepared teach art both in the elementary grades and in high school, th enabling him to handle all of the art, if necessary, in a school syste The creative work is emphasized in design, color, and drawing, a their many applications. Courses in history and appreciation are giv as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, Soc. Sci. 233 or 234, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 236, 237, 238
Art 234, 226, 233
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350
Physical Education (Year)

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344
Physical Education (Year)

Requirements for a Minor in Art:

Elementary Curriculum: Art 130, 131, 239 or 227, 226, 2 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of A 224 by majors in Elementary Education. One quarter of teaching art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(1) SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Commerce 140, Hygiene 120, Geography 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Advanced Minor Subject (Year)
Physical Education (Year)

(2) ACCOUNTING

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Commerce 140, Hygiene 120, Geography 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T, Commerce 340I
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)
Physical Education (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112[1] or Commerce 210, 211, 212
Commerce 123, 124, 125[1] or Commerce 223, 224, 225
Commerce 140, Hygiene 120, Geography 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230[1], 231, 232
Social Science 233, 234, 235
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T, Commerce 340I
Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)
Physical Education (Year)

[1] Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typ writing, accounting and business law, or accounting and typewritin

No credit is given for less than a year's work in each of the fo lowing courses for a minor in commerce: accounting, typewriting, an shorthand.

Placement Test:

Students who have had one or two years of training in hig school or its equivalent should take a placement test in typewritin shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate 40 net words per minute with five errors or less will be allowed t take advanced typewriting.

Students who can write shorthand at the minimum rate of 6 words per minute for five minutes with 98 per cent accuracy will b allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorshi will be permitted to take the second quarter of accounting. This tes includes a theory test and the demonstration of the student's abilit to complete the work at the end of a fiscal period from a trial balanc and the adjusting data.

Students with a major in secretarial studies who pass a placeme test and are thereby exempt from the first year of typewriting shorthand will be required to complete one year of accounting.

Students with a major in accounting who pass a placement test an are thereby exempt from the first year of typewriting will be require to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a secon teaching major may omit certain of the English courses listed belo by arrangement with the head of the department. Care must alwa be taken to include enough senior college courses and to plan a balance program of English study.

FRESHMAN YEAR

Hygiene 120, English 121, 126
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Social Science 233 or 23
  English 340
English 343, 344, Art 351
English 346, 347, 348
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451
Physical Education (Year)

Notes: 1. Any student entering the Teachers College with a deficien in the basic skills in English—reading, writing, spelling, elements of gra ar and good usage—may be required to take work in remedial English in ddition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to nglish 120 or to remedial work in speech, or grammar or oral and written sage, as the case may require.

3. English majors are expected to be able to omit English 120. Those nable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English urriculum. English majors who omit English 120 will take English 235 in e sophomore year.

5. English majors who are able to pass English 126 by examination ill take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may rrange for a Latin minor or for a joint major in English and Latin, by nsulting the heads of these departments.

ecommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239); 346, 347, 348, 49 may be used for credit toward a minor in English, or other courses y arrangement. It is recommended that the following be always inuded: English 230 or 231, 234, 236, and 348.

D. FOREIGN LANGUAGE (Latin)

FRESHMAN YEAR

atin 123, 124, 125*
nglish 120, 121, 125
aboratory Science or Elective (Year)
cial Science 137, 138, Hygiene 120
ysical Education (Year)
brary 120

SOPHOMORE YEAR

tin 230, 231, 232
ucation 230, 231, 232
odern Foreign Language (Year)
lective or Laboratory Science (Year)
ysical Education (Year)

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Social Science 233 or 234, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)
Physical Education (Year)

quirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

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* If student has had four years of high-school Latin, he should take tin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

glish 120, 121, 125
boratory Science (Year)
ective (Year)
ography 120, 221, 130
ysical Education (Year)
brary 120

SOPHOMORE YEAR

ucation 230, 231, 232
cial Science (2 quarters),* Hygiene 20
ography 233, 231, 236
nor Subject (Year)
ysical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 447, 343, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective, Elective, Geography 340
Advanced Elective (Year)
Social Science 354, 355, Speech 345
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 1 221, 231, 236 and 340G; for high school teachers, Geography 120, 1 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Art 130, 131, Hygiene 120
Botany 120, Chemistry 130, 131
English 120, 121, 125
Home Economics 102, 101, 202
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 201, 203, Botany 235
Home Economics 232, 204 (301), 245 (2) and 246 (2) (446a and 446b)
Physical Education (Year)

JUNIOR YEAR

Physics 322, Social Science 330, Ho Economics 340
Home Economics 347 (247), Art Home Economics 344
Home Economics 346, 304, 345
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 453, Education 343
Speech 345, Education 345, So Science 233 or 234 or 235
Elective (Year)
Physical Education (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203, 232, 347.

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* A 1.5 average is required to qualify for teaching in Vocational scho

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), So Science 330, Industrial Arts 340
Industrial Arts 352 (348), 354, E tive
Education 343, 344, Elective
Social Science 233, 234, Speech 34
Physical Education (Year)

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hrs.), 365 hrs.), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hrs.)
Physical Education (Year)

Notes: 1. An academic minor is required.

2. For good cause exemptions or substitutions will be allowed in Pr ing or Machine Shop.

3. One of the three quarters in student teaching is required in minor subject.

4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

nglish 120, 121, 125
lective (Year)
athematics 132, 120, 133
athematics 130, 131, 134
hysical Education (Year)
ibrary 120

SOPHOMORE YEAR

ducation 230, 231, 232
ocial Science (2 quarters),* Hygiene 120
aboratory Science (Year)
athematics 235, 236, 228
hysical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

equirements for a Minor in Mathematics:

Mathematics 130, 131, 134, 228, 235, 236, and 132 if Solid Geometry as not taken in high school.

I. MUSIC

FRESHMAN YEAR

usic 146, 147 (236, 237), 125 (6 q. h.)
usic 123, 124 (4 q. h.), Hygiene 120
nglish 120, 121, 125
aboratory Science (Year)
pplied Music (6 q. h.)
ibrary 120
hysical Education (Year)

SOPHOMORE YEAR

usic 230, 231, 232
usic 236, 237 (336, 337), 238 (6 q. h.)
ucation 230, 231, 232
cial Science (2 quarters)*, Music 228
pplied Music (6 q. h.)
nsemble (3 q. h.)
ysical Education (Year)

JUNIOR YEAR

Music 351, 352, Music 337 (339) (2 q. h.)
Music 356 (338) (2 q, h,), Music 340, Music 347 (2 q. h.)
Education 343, Speech 345, Education 345
Minor Subject (Year)
Applied Music (5 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

SENIOR YEAR

Music 449, 450 (4 q. h.)
Teaching 441, 442, 443
Minor Subject (Year)
Advanced Elective (Year)
Applied Music (4 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Notes:

1. Applied music (21 q. h.), including two years of piano, one or two years voice and one year of study on some band or orchestral instrument, is quired of all music majors.

Minimum proficiency requirements to be satisfied through examination ven by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

2. A student may be excused from any instrumental technique course he demonstrates to the music faculty committee the ability to play, with od tone and reasonable facility, the instruments involved.

3. Participation in the band, orchestra, and choir each quarter for four ars is required. Credit is given at the end of the spring quarter of the st three years as indicated on p. 89.

quirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, ano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs.

Ability to teach music satisfactorily in the grades as demonstrat through supervised teaching in the Elementary Training Schoo Participation in at least one of the following college music orga zations each year of residence: Choir, Chorus, Glee Club, Orchest Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 4 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. h Ability to develop choral organizations effectively, as demonstrat through supervised teaching in the Training High Schools. Parti pation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 1 147, 236, 237, 238, 337, 356 (three to five quarters); Music 347, 4 450, a total of 32 to 36 quar. hrs. Ability to teach beginning pup on band and orchestral instruments, and ability to develop instr mental organizations effectively, both as demonstrated through supe vised teaching in the Training Schools. Participation in the Band a Orchestra each year of residence.

J. PHYSICAL EDUCATION

(1) MEN

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Anatomy 225, Physical Education 226, 227
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 345, Elective, Physical Ed cation 340
Physical Education 347, 348, 349
Physical Education 344, Physiolo 345, Physical Education 350
Education 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452, 453, Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)
Physical Education (Year)

Requirements for a Minor in Physical Education:

Physical Education 120, 122, 226, 227 (any three of these courses Physical Education 347, 348, 349, 350, 452 (any three of these course Physical Education 121 may be substituted but is not recommended.

(2) WOMEN

FRESHMAN YEAR

English 120, 121, 125
Zoology 120, 121, 122
Physical Education 130, 131, 132 (344)
Music 120, Social Science (2 qrs.)*
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Physical Education 244, Anatomy 225, Physiology 345
Physical Education 233 (454), 234 (450), 235
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Physical Education 341, 346, 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345, 2 Adv. Electives
Physical Education 451, 455, 456
Minor Subject (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235

Requirements for a Minor in Physical Education:

Anatomy 225, Physical Education 233, 234, 343, 346, 458.

K. SCIENCE (Biological)

Note: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) BOTANY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 346 (446)
Zoology 230, 231, 232 (or Zoology 343, 344, 345)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Note: Botany 345 may be substituted for Botany 346 (446) with permission of the instructor.

(2) ZOOLOGY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132*
English 120, 121, 125
Mathematics 130, 131, 134
Elective (Year) (Preferably Physics 130, 132, 131)
hysical Education (Year)
ibrary 120

SOPHOMORE YEAR

hemistry 233, 234, 235
ducation 230, 231, 232
ygiene 120, Social Science (2 quarters)**
lective (Year) (Preferably Mathematics 235, 236, 228)
hysical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 343, Elective
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Education 344, Elective (2 quars.)
Chemistry 446, 447, 448, or Chemistry 450, Elective (2 quars.)
Advanced Elective (Year)
Physical Education (Year)

** At least one quarter must be chosen from Social Science 233, 234, 235.

* Students who have had a year of high-school chemistry should take hemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the acement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for majors in a biological science).

Note: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Foreign Language (German or French). One year each of botany and zoology constitutes a teaching minor in Biological Science.

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 132, 131
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters)*, Education 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)
Physical Education (Year)

* At least one quarter must be chosen from Social Science 233, 234, 235

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics, Chemistry, Foreign Language (preferably German). One year each of botany and zoology constitutes a teaching minor in Biological Science.

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Geography 120, 130, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (2 quarters), Social Science 340
Physical Education (Year)

SENIOR YEAR

Education 344, Elective (2 quarters)
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356, or 453, 454, 455
Physical Education (Year)

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 343, 344, 345 or 346 347, 348 or 349, 350, 351, or 354, 355, 356 or 363, 364, 365 or 366, 367 368 or 453, 454, 455.

N. SPEECH

FRESHMAN YEAR

Speech 130, 135 (235), 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters)*, Hygiene 120
Physical Education (Year)
ibrary 120

SOPHOMORE YEAR

Speech 345, 244 (444), 246 (346)
Education 230, 231, 232
aboratory Science (Year)
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 445, 331, 335 (435)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 433 (233), 434 (234), 431 (131)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

* One quarter must be chosen from Social Science 233, 234, 235 unless this equence is chosen as the year of Social Science in the junior year.

Requirements for a Minor in Speech:

Speech 130, 132, 244, 331, 345, 433.

TRAINING SCHOOLS

ampus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining ampus Training Schools is twofold: to provide a laboratory school n which students and members of the faculty may test the methods f instruction and the educational theories taught in the college; and o furnish a school wherein students may develop craftsmanship in eaching by observing expert teaching and by actual teaching under upervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of our grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of egistration when vacancies occur.

Pupils once admitted to the school for the regular school year etain their places until completing the course, unless they are uneasonably irregular in attendance or fail to appear on the opening ay of the school year without notice to the training school office of heir intention to appear later.

Elementary Department.—In the first eight grades the immediate irection of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training eachers, with the Director of Teacher Training, plan the work of their rades, discuss with the student teachers their plans for teaching and o enough of the teaching to keep the progress of the pupils at a high andard. Training teachers for art, music, penmanship, and physical ducation have charge of these subjects in all grades. The teachers n other departments of the Teachers College have in all cases an dvisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is ecognized by the State Department of Education and is accredited y the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eigh grades may enter the ninth grade which is the first year of a four-yea high school. Full credit is allowed students entering from othe accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5. Holders c valid Lindly scholarships pay only $4.

Affiliated Training Schools.

Purpose.—In order that supervised student teaching may be cai ried on under circumstances more typical of rural school condition the Teachers College has affiliated with three one-room rural schoc districts, one village school, consisting of an eight-grade elementar department and a four-year community high school. The College is als affiliated with another four-year community high school and a four-yea city high school.

Administrative and Supervisory Relationships.—Supervised studen teaching in the affiliated schools is under the direct supervision of th Director of Off-Campus Student Teaching. Training teachers selecte for the affiliated schools must be approved by both the district and th College. A part of each rural school training teacher's salary is pai by the College.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are availabl at all times to all college classes for directed observation. Person wishing to do undirected observation must consult the Director o Teacher Training. Sophomores are required to do directed observatio in connection with several of their courses. The work is designed t prepare them to meet the problems of teaching which they must mee in their course in supervised student teaching, and to enable them t see the application of their courses in educational psychology, reading arithmetic, handwriting, and science. In the main the observation o a lesson is preceded by a discussion of the aims, materials, an methods to be employed in the lesson and is followed by a discussio in which the teacher of the lesson as well as the director of the obser vation participates.

Participation.—The gradual introduction of the student to th problem of teaching logically takes the form of the sequence: obser vation—participation—teaching. In practice gradual participation i teaching as an independent course is considered a wasteful procedure It is usually combined with either an observation course or a teachin course. In this College gradual participation is a part of, and a guidin principle in, the student teaching courses.

Supervised Student Teaching.—All students who desire to take th state teachers' examination before completing the required four year of work are required to take 100 clock hours of supervised studen teaching. Candidates for the degree are required to take 150 cloc hours of supervised student teaching.

Student teachers are assigned to training teachers by the Directo of Teacher Training. For special regulations governing admission t student teaching see III under "Scholarship."

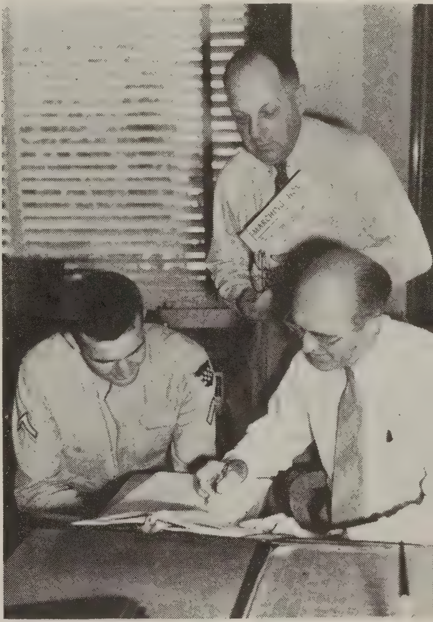
SCENE FROM A COLLEGE PLAY

ONE OF EASTERN'S

1300 SERVICE MEN

TALKS OVER

POST-WAR PLANS



THE EASTERN TEACHERS NEWS IS A PRIZE WINNING PAPER

THE MUSIC DEPARTMENT LISTENING ROOM

DAILY HEALTH EXAMINATION IN THE TRAINING SCHOOL

ON THE FOOTBALL FIELD

III. DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four ifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

30. INTRODUCTION TO ART. Fall and winter. (4 q. hrs.)

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and elementary curricula. Elective in other curricula.

31. DESIGN I. Winter and spring. (4 q. hrs.)

The application of decorative design and color to weaving, block rinting, lettering, and posters.

Required in the art and home economics curricula. Prerequisite: Art 130 or approval of instructor. Elective in other curricula.

32. DRAWING I. Spring. (4 q. hrs.)

Opportunity for original work in free-hand drawing through the pplication of the principles of perspective, color, and design. Outdoor ketching.

Required in the art curriculum. Prerequisite: Art 130. Elective n other curricula.

24 (124). ART FOR TEACHERS IN THE ELEMENTARY GRADES. Winter. (4 q. hrs.)

The teaching of art in the elementary grades with practice in dapting art principles, processes and projects to different grade levels; work in curriculum making and in providing art background for room ctivities; training in lettering, craft techniques, and figure drawing.

Required in the elementary curriculum. Prerequisite: Art 130. Elective in other curricula.

26. LIFE DRAWING I. Winter. (4 q. hrs.)

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Elective n other curricula.

27. LETTERING. Spring. (4 q. hrs.)

The development of ability to letter, the study of styles of letterng, and application of hand lettering to various problems. Pen and brush work.

Elective.

233. DRAWING II. Spring. (4 q. hrs.)

Free-hand drawing of still life, flowers, landscape, in pen and ink and pastel.

Required in the art curriculum. Prerequisite: Art 132. Electiv in other curricula.

234. DESIGN II. Fall. (4 q. hrs.)

Applied design developing techniques in crafts such as textile decoration with stencil, batik and silk screen, and wood crafts. Use o substitute materials an important consideration. Relation of crafts t club and summer camp work and to occupational therapy.

Required in the art curriculum. Prerequisite: Art 131.

235. COSTUME DESIGN. Spring. (4 q. hrs.)

The designing of costumes for various types, emphasizing th student's individual needs. Style and color in relation to personalit History of costume.

Elective. Recommended in the art and home economics curricul

236 (138). HISTORY AND APPRECIATION I. Fall. (4 q. hrs.)

A study is made of man's creative efforts in the visual arts, fro the prehistoric period to the Christian era. The development of a growing out of man's needs and his desire for beauty, and its relatio to the natural and social environment. The architecture, sculptur painting, weaving, pottery, and metal work of Egypt, Mesopotami Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreig language and social science curricula. Elective in other curricula.

237 (236). HISTORY AND APPRECIATION II. Winter. (4 q. hrs.)

The art of the Christian era covering the development of th medieval period and the Renaissance through the seventeenth centur The architecture of the Romanesque and Gothic periods and th painting of the Renaissance with a brief survey of the art of the Fa East are important topics.

Required in the art curriculum. Recommended in the soci science curriculum. Elective in other curricula.

238 (237). HISTORY AND APPRECIATION III. Spring. (4 q. hrs.)

The development of the visual arts since the beginning of th eighteenth century with emphasis upon art in America. The relatio of art to contemporary living.

Required in the art curriculum. Recommended in the soci science curriculum. Elective in other curricula.

239. MODELING AND POTTERY. Fall. (4 q. hrs.)

The application of art principles to clay as a medium. Th modeling of animals and figures, casting, and various processes o pottery making and finishing. Emphasis on structural and decorativ design.

Elective. Recommended in the art and elementary curricula.

40. METHODS IN HIGH SCHOOL ART. Spring. (4 q. hrs.)

Required in the art curriculum.

44. (144 and 444) HOME PLANNING AND FURNISHING. Fall. (4 q. hrs.)

The study of interior decoration in relation to the home. The election of the house in terms of family needs; its furnishings in armony with the personality, income, and individual interests of the amily group, developed according to basic art principles. History of eriod styles.

Required in the art and home economics curricula. Prerequisite: rt 130 and 131. Elective in other curricula.

45. METHODS IN ELEMENTARY SCHOOL ART. Fall. (4 q. hrs.)

Practice in art processes adapted to different grade levels. Lesson, nit, and curriculum planning. Survey of art needs.

Required in the art curriculum. Should be taken in place of Art 24 by art minors in elementary curriculum.

46. LIFE DRAWING II. Winter. (4 q. hrs.)

Advanced work with costume model with emphasis on composition. arious media are used.

Required in the art curriculum.

50. PAINTING. Spring. (4 q. hrs.)

Water color, tempera, and oils are used.

Required in the art curriculum. Elective in other curricula.

51. ART BACKGROUNDS. Spring. (4 q. hrs.)

A survey of our art heritage, its development from the life of the ifferent periods in history, with sufficient criticism to form a basis or the evaluation of contemporary art for individual use and appre-iation.

Required in the English curriculum. Recommended in elementary urriculum. Elective in other curricula.

41, 442, 443. SUPERVISED STUDENT TEACHING IN ART. Every quarter. (4 q. hrs. for each course.)

A minimum of one quarter in the grades and one quarter in high chool is required of art majors. One quarter each in the lower and pper grades and one in high school is recommended. Art 345 is pre-equisite for teaching in the grades; Art 340 for high school. The first uarter of student teaching should be in the grades.

Required in the art curriculum.

47. COMPOSITION I. Fall. (4 q. hrs.)

The development of original work in decorative and pictorial esign based on previous training in art fundamentals and media.

Required in the art curriculum.

48. COMPOSITION II. Winter. (4 q. hrs.)

Advanced work in decorative and pictorial design. Individual rojects and choice of media.

Required in the art curriculum.

449. COMMERCIAL DESIGN. Spring. (4 q. hrs.)

Advanced work in advertising art, including lettering, poster commercial wrappings, art planning of school annuals, and curre advertising problems.

Required in the art curriculum.

453. PSYCHOLOGY OF ART. Winter. (4 q. hrs.)

The psychology of art as developed by research. Analysis of a ability in terms of aptitudes, skills, and creative capacities. Standar and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula.

456. STAGE DESIGN. (4 q. hrs.)

Design and construction of scenery, costumes, lighting, puppetr and masques.

Elective. Recommended in the art and speech curricula. Prer quisite: Permission of instructor.

458. ART SEMINAR. (4 q. hrs.)

The integration of art experiences in practice work, history art, and art education as a final preparation for teaching. Investig tion of problems in art education; projects in original work selecte according to individual interests.

Elective. Prerequisite: Permission of instructor.

COMMERCE

I. Typewriting

110, 111, 112. TYPEWRITING. Fall, winter, and spring. (4 q. hr for each course.)

Development of correct writing habits, typewriting of letters, tel grams, manuscripts, legal documents, tabulations. Speed requirement 110, twenty net words per minute for five minutes with three errors less; 111, thirty words per minute for ten minutes with five errors less; 112, forty net words per minute for ten minutes with five erro or less.

Fee $1.00 for each course.

210, 211. ADVANCED TYPEWRITING. Fall, winter. (4 q. hrs. f each course.)

Development of speed and accuracy. Speed requirements: 21 fifty net words per minute for fifteen minutes with eight errors or les 211, sixty net words per minute for fifteen minutes with eight erro or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. F $1.00 for each course.

212. PRINCIPLES AND PROBLEMS OF OFFICE PRACTICE. Sprin (4 q. hrs.)

A practical course in the subject matter of office practice, inclu ing filing, duplicating devices, dictating machines, and adding ar calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the i structor. Fee $1.00.

II. Shorthand

123, 124, 125. SHORTHAND. Fall, winter, spring. (4 q. hrs. for each course.)

A first year course in Gregg shorthand. Speed requirement: sixty words per minute for five minutes, to be transcribed with 98 per cent accuracy.

No credit for less than a year's work.

223, 224. ADVANCED SHORTHAND. Fall, winter. (4 q. hrs. for each course.)

Development of speed and accuracy in taking dictation and transcribing shorthand. Speed requirement: 223, eighty words per minute for five minutes to be transcribed with 98 per cent accuracy; 224, one hundred words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 112 or its equivalent. Fee $1.00 for each course.

225. SECRETARIAL PRACTICE. Spring. (4 q. hrs.)

The course aims to promote finished performance in typewriting and shorthand and to acquaint the student with the duties of the secretary in business and the professions. Speed requirement: 120 words per minute for five minutes, transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223, 224. Fee $1.00.

III. Accounting

230, 231, 232. ACCOUNTING. Fall, winter, spring. (4 q. hrs. for each course.)

A first course in accounting. The balance sheet, profit and loss statements, single proprietorship, partnerships, changing partnership books to corporation books, financial and profit and loss statements.

330. COST ACCOUNTING. Fall. (4 q. hrs.)

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232.

331. ACCOUNTING TAX PROCEDURE. Winter. (4 q. hrs.)

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Elective. Prerequisite: Commerce 230, 231, 232. Not open to freshmen.

IV. Methods

340T. METHODS OF TEACHING TYPEWRITING AND OFFIC PRACTICE. Winter. (4 q. hrs.)

340S. METHODS OF TEACHING GREGG SHORTHAND. Omitte 1945-46. (4 q. hrs.)

340B. METHODS OF TEACHING BOOKKEEPING AND BUSINES ARITHMETIC. Spring. (4 q. hrs.)

340I. METHODS AND MATERIALS FOR TEACHING INTRODUCTION TO BUSINESS. Omitted 1945-46. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN COMMERCE Every quarter. (4 q. hrs. for each course.)

V. General Business Courses

140. BUSINESS MATHEMATICS. Fall. (4 q. hrs.)

This course is a preparation for the courses in accounting. I covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practica short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installmen buying; taxes; fire insurance; stocks and bonds; and depreciation.

141. BUSINESS CORRESPONDENCE. Spring. (4 q. hrs.)

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121.

444. FOUNDATIONS IN BUSINESS EDUCATION. Omitted 1945-46. (4 q. hrs.)

445. PROBLEMS IN BUSINESS EDUCATION. Omitted 1945-46. (4 q. hrs.)

446, 447. BUSINESS LAW. Fall, winter. (4 q. hrs. for each course.)

The courses deal with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; suretyship; insurance; bailments; carriers; sales; partnership, corporations; deeds of conveyance; mortgages; landlord and tenant; business crimes.

448. SALESMANSHIP AND ADVERTISING. Spring. (4 q. hrs.)

General salesmanship and retail store selling with the study of advertising as it applies to these two classes of selling.

Elective.

VI. Penmanship

120. PENMANSHIP. **Every quarter. (1 q. hr.)**

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the elementary and commerce curricula.

121. MANUSCRIPT WRITING. **Summer. (1 q. hr.)**

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in the elementary curriculum.

EDUCATION AND TEACHING

I. Education

170. PSYCHOLOGY. **(4 q. hrs.)**

A modification of Education 231 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill.

201. PRINCIPLES OF SAFETY EDUCATION. **Summer. (4 q. hrs.)**

220. WORKSHOP. **Summer. (4 q. hrs.)**

A special three weeks workshop in reading. Designed for students to work on individual problems connected with the teaching of reading. Open only to teachers.

226. RURAL CURRICULUM PROBLEMS. **Omitted 1945-46. (4 q. hrs.)**

Elective.

228. READING. **Spring. (4 q. hrs.)**

The development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the elementary curriculum. Prerequisite: Three quarters of education.

230. AN INTRODUCTION TO EDUCATION. **Fall and winter. (4 q. hrs.)**

A comprehensive survey of the field of education. The development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools qualifications for teachers, the duties and the relationships of teachers professionalizing teaching, and opportunities in teaching.

Required in all curricula.

231. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Winte and spring. (4 q. hrs.)

A beginning course. The methods of educational psychology, th physical basis of behavior, inherited and acquired responses, menta hygiene, and individual differences.

Required in all curricula. Prerequisite: Education 230.

232. EDUCATIONAL PSYCHOLOGY. Winter and spring. (4 q. hrs.

The first six weeks are devoted to a study of the learning process and the second six weeks to a study of human growth and development

Required in all curricula. Prerequisite: Education 230 and 231

313. RURAL SCHOOL OBSERVATION. Summer. (4 q. hrs.)

Observation of a modern one-room school. Enrollment is restricte to juniors, seniors, or teachers actually in service.

Elective in the elementary curriculum.

324 (224). DIRECTED STUDY AND OBSERVATION OF TEACHING Fall. (4 q. hrs.)

Extra-instructional and instructional duties of the teacher ar discussed. Problems pertaining to classroom management and instruc tion. Numerous observations in the Training School are an integra part of the course.

Required in the elementary curriculum. Prerequisite: Educatio 230, 231, 232.

325. PRIMARY EDUCATION. Winter. (4 q. hrs.)

A course devoted primarily to a study of problems pertaining t teaching in the first three grades. The principal topics taken up ar the mental and the physical growth of the child during the pre-schoo and the primary periods; the aims and the curricula of the nurser school and the kindergarten; the aims, the curricula, the equipmen and the materials of the primary school; teaching the various subject in the curriculum of the primary grades; and personal characteristic and professional preparation of the primary teacher.

Required in the elementary curriculum. Prerequisite: Twelv quarter hours in education.

E326. CHILD GROWTH AND DEVELOPMENT AND IMPLICATION FOR TEACHING. Extension. (4 q. hrs.)

A survey of recent developments in the field. Developmental tasks Case studies, techniques of group management. A basic text is used supplemented by source materials.

Elective.

343. PRINCIPLES OF EDUCATION. Every quarter. (4 q. hrs.)

The course deals with properties of the human organism tha make education possible, properties of society that make educatio necessary, historical concepts that have dominated organized educa tion, the place of education in a democratic society, and the aims o education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in all curricula. Prerequisite: Education 230, 231, 232.

344. TESTS AND MEASUREMENTS. Every quarter. (4 q. hrs.)

About one-third of the time is devoted to educational statistics. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: Sixteen quarter hours in education.

345. DIRECTED STUDY AND OBSERVATION OF TEACHING. Every quarter. (4 q. hrs.)

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the curricula for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232.

446. MODERN TRENDS IN EDUCATION. Omitted 1945-46. (4 q. hrs.)

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested.

Elective. Prerequisite: Sixteen quarter hours in education.

447. SOCIAL PSYCHOLOGY. Spring. (4 q. hrs.)

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the elementary curriculum. Elective in other curricula. Prerequisite: Sixteen quarter hours in education.

448. SCHOOL ORGANIZATION AND ADMINISTRATION. Omitted 1945-46. (4 q. hrs.)

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units.

School law and finance as well as current educational problems receive attention.

Elective. Prerequisite: Sixteen quarter hours in education.

450. SPECIAL EDUCATIONAL PROBLEMS. Summer. (4 q. hrs.)

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor.

451. ABNORMAL PSYCHOLOGY. Summer. (4 q. hrs.)

Points of view as regards the nature and varieties of personality The significance of certain facts of normal and abnormal psychology and their bearing upon the individual. Development of practical test for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: Twelve quarter hours in education.

454. TECHNIQUES OF GUIDANCE. Summer. (4 q. hrs.)

Elective. Prerequisite: Education 230, 231, 232, 343, and 344.

455. MENTAL HYGIENE. Summer. (4 q. hrs.)

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like Study of the physical, mental, emotional, and social factors underlying mental health, the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent

458. HISTORY OF INDUSTRIAL ARTS AND HOME ECONOMICS IN EDUCATION. Spring. (4 q. hrs.)

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the Director of Teacher Training. Students should arrange for thei teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)

Required of students who plan to obtain a limited elementary certificate by examination.

441, 442, 443. SUPERVISED STUDENT TEACHING IN THE MAJOR OR MINOR SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject and one in a minor subject is recommended. These courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all curricula.

ENGLISH

Note: 1. Any student entering the Teachers College with a deficiency in he basic skills in English—reading, writing, spelling, elements of grammar nd good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to nglish 120 or to remedial work in speech or grammar or oral and written sage, as the case may require.

FUNDAMENTALS OF ENGLISH COMPOSITION. Spring. (No credit.)

A remedial course for students who do not pass the Junior English xamination. English 344 may be substituted and taken for credit upon ecommendation of the head of the English department.

120. COMPOSITION. Fall and winter. (4 q. hrs.)

121. COMPOSITION, cont. Winter and spring. (4 q. hrs.)

English 120 and 121 are required in all curricula.

21J. JOURNALISM I. Winter. (4 q. hrs.)

The course covers the fundamentals of news-writing and reporting. t is designed to train students to act as advisers for high-school tudent publications. Part of the class work appears regularly in he "Eastern Teachers News."

Prerequisite: English 120. Accepted for English 121.

22. LITERATURE IN THE GRADES. Spring. (4 q. hrs.)

Emphasizes chiefly wide acquaintance with the great bodies of orld literature—myth, legend, etc.—and with the best poetry suitable r children.

Required in the elementary curriculum for lower grades.

23. STORY-TELLING. Summer. (4 q. hrs.)

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124.

24. METHODS IN COMPOSITION AND LITERATURE IN UPPER GRADES. Omitted 1945-46. (4 q. hrs.)

125. INTRODUCTION TO LITERATURE. Spring. (4 q. hrs.)

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, ography and letters, the short story, and the essay.

Required in two-year general college curriculum and in four-year rricula for high school teachers, except the English and commerce rricula. Prerequisite: English 120 and 121.

6. GRAMMAR. Spring. (4 q. hrs.)

A study of the English sentence, with some attention to the parts speech. Methods are illustrated and stressed. This is primarily course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feel the need of grammatical insight.

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* The content of these courses is in the process of revision to go into fect in the fall of 1945. The changes were not ready for announcement at e time this bulletin went to press.

Required in the elementary curriculum for the upper grades unles English 124 is taken; required in the English curriculum. Not accepte for elective credit in other curricula.

141. BUSINESS CORRESPONDENCE.

(See description under "Commerce.")

230, 231. NINETEENTH CENTURY PROSE FICTION. Fall, winter (4 q. hrs. for each course.)

The primary aim is to arouse the student's interest in the bes fiction, and the secondary, to furnish him with standards of judgment

English 230 required in the English curriculum. English 231, elec tive. Prerequisite: English 230 to 231.

234. AMERICAN LITERATURE. Spring. (4 q. hrs.)

A survey of American literature from the beginning to the present stressing trends and major writers, with as much reading in th originals as possible.

Required in the English and elementary curricula.

235. GREEK DRAMA. Fall. (4 q. hrs.)

Origins and development of classical drama: Aeschylus, Sophocles Euripides, with a study of Greek life and thought, and their contribu tion to our culture.

Elective. Prerequisite: English 120, 121, 125.

236. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Winter (4 q. hrs.)

A study of Shakespeare's most important plays, and of their plac in the development of English drama. Some attention is given to th chief dramatists contemporary with Shakespeare.

Required in the English curriculum.

237. MODERN DRAMA. Spring. (4 q. hrs.)

The purpose of this course is to familiarize the student with wha is best in modern drama.

Elective.

239. DRAMATICS. Omitted 1945-46. (4 q. hrs.)

340. METHODS OF TEACHING ENGLISH IN THE HIGH SCHOOL Spring. (4 q. hrs.)

Important topics connected with English in the high school ar covered as fully as time permits.

Required in the English curriculum.

343. CONTEMPORARY LITERATURE. Fall. (4 q. hrs.)

Extensive reading in current literature introduces the student t the best that is being written today, and provides him with som standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula

4. **ADVANCED RHETORIC.** Winter. (4 q. hrs.)

Chiefly written composition, applying the principles of organiza- n and effective expression to somewhat more extended material an do English 120 and 121. The course is intended to give both an troduction to the methods of research and opportunity for original rk.

Required in the English curriculum. Elective in other curricula. erequisite: Twelve quarter hours of English.

4J. **JOURNALISM II.** Omitted 1945-46. (4 q. hrs.)

6. **ENGLISH POETRY, BEOWULF TO CHAUCER.** Fall. (4 q. hrs.)

7. **ENGLISH POETRY, MILTON TO BURNS.** Winter. (4 q. hrs.)

8. **NINETEENTH CENTURY ENGLISH POETRY.** Spring. (4 q. hrs.)

English 346, 347, 348 required in the English curriculum. Elective other curricula.

1, 442, 443. **SUPERVISED STUDENT TEACHING IN ENGLISH.** Every quarter. (4 q. hrs. for each course.)

Required in the English curriculum.

9. **THE ESSAY.** Fall. (4 q. hrs.)

This course traces the development of the essay in English, with ecial attention to style. Eighteenth and nineteenth century essays e stressed most.

Required in the English curriculum. Elective in other curricula.

0. **HISTORY OF THE ENGLISH LANGUAGE.** Winter. (4 q. hrs.)

The development of the English language from Anglo-Saxon to e language of today.

Required in the English curriculum. Prerequisite: English 126 or equivalent. Not open as elective in other curricula except by special rmission of the head of the English department.

1. **HISTORY OF ENGLISH LITERATURE.** Spring. (4 q. hrs.)

The development of English literature from Anglo-Saxon times to e present, with a glance at the American branch, drawing together previous literature courses.

Required in the English curriculum. Elective in other curricula.

FOREIGN LANGUAGE

Latin

13. **INTRODUCTORY LATIN READING.** Fall. (4 q. hrs.)

Review of Latin grammar; exercises; practice in sight translation.

Required in the Latin curriculum. Prerequisite: Two years of tin in high school.

14. **ORATIONS OF CICERO.** Winter. (4 q. hrs.)

Readings from the four orations against Catiline. Cicero's career d the political background of the conspiracy of Catiline are dis- ssed. Exercises in Latin composition.

Required in the Latin curriculum. Prerequisite: Latin 123.

125. VERGIL'S AENEID. Spring. (4 q. hrs.)

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Required in the Latin curriculum. Prerequisite: Latin 124.

230. CICERO'S ESSAYS, SELECTIONS FROM DE AMICITIA AN DE SENECTUTE. Fall. (4 q. hrs.)

Required in the Latin curriculum.

231. HORACE, SELECTIONS FROM THE ODES, SATIRES, AN EPISTLES. Winter. (4 q. hrs.)

Required in the Latin curriculum.

232. LIVY, SELECTIONS FROM BOOKS I, XXI, XXII. Spring. (q. hrs.)

Required in the Latin curriculum.

340. METHODS OF TEACHING LATIN. Omitted 1945-46. (4 q. hrs.

Required in the Latin curriculum. Prerequisite: Three years o college Latin.

343. OVID, SELECTIONS FROM TRISTIA, HEROIDES, AMORES FASTI, METAMORPHOSES. Omitted 1945-46. (4 q. hrs.)

The life and times of Ovid; Roman and Greek mythology.

Required in the Latin curriculum.

344. LATIN COMPOSITION. Omitted 1945-46. (4 q. hrs.)

The purpose of this course is to give the prospective Latin teache a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required in the Latin curriculum.

345. MEDIEVAL LATIN. Omitted 1945-46. (4 q. hrs.)

Readings in the history, poetry, and philosophy of the Middle Ages Special attention is given to the comparative philology of Latin an the Romance languages.

Required in the Latin curriculum.

346. CAESAR'S CIVIL WAR. Omitted 1945-46. (4 q. hrs.)

347. SELECTIONS FROM THE LETTERS OF CICERO AND PLINY Omitted 1945-46. (4 q. hrs.)

348. THE GERMANIA AND AGRICOLA OF TACITUS. Omitte 1945-46. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN LATIN Every quarter. (4 q. hrs. for each course.)

Required in the Latin curriculum.

446. ROMAN COMEDY. Omitted 1945-46. (4 q. hrs.)

447. SELECTIONS FROM MARTIAL AND CATULLUS. Omitte 1945-46. (4 q. hrs.)

448. LATIN LITERATURE IN TRANSLATION. Omitted 1945-46 (4 q. hrs.)

French

130, 131, 132. FIRST YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work.

233, 234, 235. SECOND YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Elective. Prerequisite: Two years of high-school French or one year of college French.

343, 344, 345. THIRD YEAR FRENCH. Omitted 1945-46. (4 q. hrs. for each course.)

German

230, 231, 232. FIRST YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

Elective. Not open to freshmen except by special permission. No credit for graduation for less than a year's work.

333, 334, 335. SECOND YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn, Minna von Barnhelm,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Elective. Prerequisite: German 230, 231, 232, or the equivalent.

Spanish

130, 131, 132. FIRST YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

The fundamentals of grammar; drill in pronunciation; graded readings.

Elective. No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

Review of grammar; exercises in composition; practice in conversation. Readings: *Pata de Zorra* by Hugo Wast; *Easy Spanish Plays,* edited by Cano and Sáenz; *Amalia,* by José Marmol; *El Capitán Veneno.* by Alarcón; *María* by Jorje Isaacs.

Elective. Prerequisite: Two years of Spanish in high school or one year in college.

233, 234, 235. ALTERNATE SECOND-YEAR SPANISH. Omitted 1945-46. (4 q. hrs. for each course.)

Exercises in grammar; practice in conversation. Readings: *Cuentos del Sur*, edited by Vasquez; *Tradiciones Peruanas* by Ricardo Palma; *Dona Clarines* and *Manana de Sol* by Serafin and Joaquin Quintero; *Short Stories and Poems of Becquer*, edited by Hendrix; *Cumanda* by Juan Leon Mera.

Elective. Prerequisite: Two years of Spanish in high school or one year in college.

236. INTERMEDIATE COMPOSITION. Summer. (4 q. hrs.)

Elective. Prerequisite: Spanish 130, 131, 132.

333, 334, 335. ADVANCED SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is offered in connection with Spanish 230, 231, 232, or 233, 234, 235. In addition to the second-year work, students are required to make special reports on outside readings.

Elective. Prerequisite: Spanish 230, 231, 232, or 233, 234, 235.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of physical and commercial geography in high school.

120. PRINCIPLES OF GEOGRAPHY. Every quarter. (4 q. hrs.)

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography, commerce, and elementary curricula. Elective in other curricula.

130. GEOGRAPHY OF NORTH AMERICA. Fall and spring. (4 q. hrs.)

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120. Elective in other curricula.

221. CLIMATOLOGY. Winter. (4 q. hrs.)

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography and elementary curricula. Elective in other curricula.

231. GEOGRAPHY OF SOUTH AMERICA. Winter. (4 q. hrs.)

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120, 221. Elective in other curricula.

233. PHYSIOGRAPHY. Fall. (4 q. hrs.)

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required in the geography curriculum.

236. ELEMENTS OF GEOLOGY. Spring. (4 q. hrs.)

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the geography and elementary curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

The characteristics of the social studies and geography and their place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books, illustrative material and visual aids; examination and appraisal of classroom procedures.

Required in the social science and geography curricula.

340G. METHODS AND MATERIALS IN THE SOCIAL STUDIES AND GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitted 1945-46. (4 q. hrs.)

343. GEOGRAPHY OF EUROPE. Winter. (4 q. hrs.)

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120, 221. Elective in other curricula.

345. GEOGRAPHY OF ASIA. Spring. (4 q. hrs.)

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Required in the geography curriculum. Prerequisite: Geography 130, 231, 343.

441, 442, 443. SUPERVISED STUDENT TEACHING IN GEOGRAPHY. Every quarter. (4 q. hrs. for each course.)

Required in the geography curriculum.

446. URBAN GEOGRAPHY. Omitted 1945-46. (4 q. hrs.)

447. ECONOMIC GEOGRAPHY. Every quarter. (4 q. hrs.)

An advanced course for teachers of commercial geography in high school.

Required in the geography curriculum. Prerequisite: Senior college standing.

448. THE CONSERVATION OF NATURAL RESOURCES. Fall. (4 q. hrs.)

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

Elective. Prerequisite: Senior college standing.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum F) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal and State aid under the Vocational Laws (formerly known as Smith-Hughes). Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 204, 232, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. COSTUME SELECTION AND PERSONALITY. Winter. (4 q. hrs.)

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula. Fee 50 cents.

102. ELEMENTARY NUTRITION. Fall. (4 q. hrs.)

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula.

201. CLOTHING CONSTRUCTION. Spring. (4 q. hrs.)

Fundamental principles of clothing construction and renovation.

Required in the home economics curriculum. Prerequisite: Home Economics 101. Fee 50 cents.

202. FOOD PREPARATION. Spring. (4 q. hrs.)

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required in the home economics curriculum. Prerequisite: Home Economics 102, Chemistry 130, 131. Fee $2.00.

203. ADVANCED FOOD PREPARATION. Fall. (4 q. hrs.)

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

204 (301). MEAL PLANNING AND TABLE SERVICE. Winter. (4 q. hrs.)

Selection, purchase, preparation and service of food, considering dietary standards, food habits and nutritional needs of groups. Preparation and service of food for special occasions is also considered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202, 203. Fee $2.00.

232. TEXTILES. Fall. (4 q. hrs.)

Study of weaves, yarns, fibers, and finishes with reference to selection of fabrics for clothing and the house.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201. Fee 50 cents.

45 (446b). HOUSEHOLD MANAGEMENT. Spring. (2 q. hrs.)

The principles of scientific management as applied to the home; ncludes a study of family finance, household buying, equipment, time nd energy, and housing problems.

Required in the home economics curriculum. Elective in other urricula.

46 (446a). HOME NURSING. Spring. (2 q. hrs.)

A study of the factors which determine personal health and the ntelligent management of illnesses in the home.

Required in the home economics curriculum. Elective in other urricula.

04. ADVANCED CLOTHING. Winter. (4 q. hrs.)

A problem course intended to meet individual student needs in esigning, construction, and costume assembling.

Required in the home economics curriculum. Prerequisite: Home conomics 101, 201, 232. Fee 50 cents.

40. METHODS OF TEACHING HOME ECONOMICS. Spring. (4 q. hrs.)

Required in the home economics curriculum.

44. NUTRITION AND DIETETICS. Spring. (4 q. hrs.)

The chemistry and physiology of nutrition; food requirements of ersons of different ages; adapting diet to nutritional disorder.

Required in the home economics curriculum. Prerequisite: Home conomics 102; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

45. HOME MANAGEMENT HOUSE. Every quarter. (4 q. hrs.)

Experience in the practical application of the principles of household management is offered through a twelve weeks' residence period n the Home Management House.

Required in the junior year of the home economics curriculum. rerequisite: Home Economics 245 and 204.

46. CHILD DEVELOPMENT. Winter. (4 q. hrs.)

A study of factors involved in the physical, mental, social and motional development of children.

Required in the home economics curriculum.

47 (247). FAMILY RELATIONSHIPS. Fall. (4 q. hrs.)

A study of trends in family life, including social changes which ffect family living and problems which involve community participation.

Required in the home economics curriculum. Elective in other curricula.

50. CONSUMER EDUCATION. Omitted 1945-46. (4 q. hrs.)

41, 442, 443. SUPERVISED STUDENT TEACHING IN HOMEMAKING SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Required in the home economics curriculum.

INDUSTRIAL ARTS

The courses to be offered in 1945-46 will be selected according t demand from those not specifically designated "Omitted 1945-46."

134. BENCH WOODWORK. (4 q. hrs.)

Function, care, use of hand tools and elements of wood finishing.

Fee $2.00.

135. INTERMEDIATE WOODWORK. (4 q. hrs.)

Continuation of Industrial Arts 134.

Fee $2.00.

136 (135). GENERAL METAL. (4 q. hrs.)

Use of hand tools for working common metals. Processes in bend ing, hammering, shaping and finishing hot and cold metal.

Fee $2.00.

150. APPLIED ELECTRICITY. (4 q. hrs.)

Treatment of electrical problems arising around the home, e.g., bel circuits, house wiring, repair of electrical apparatus.

Fee $2.50.

224. PRIMARY GRADE HANDWORK. Spring. (4 q. hrs.)

A course to familiarize teachers of the lower grades with the use o handwork for educational ends. Such materials as paper, textiles, reed raffia, and clay are used. A teachers manual is developed. One clas discussion and 7 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

225. INTERMEDIATE GRADE HANDWORK. Winter. (4 q. hrs.)

This is a course for teachers of the upper elementary grades. In dustrial activities in woods, metals, ceramics, and graphic arts ar included. Two class discussions and 6 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

226. SHEET METAL. (4 q. hrs.)

The shaping of sheet metal with hand and machine tools. Surfac development.

Fee $2.00.

230. WOODWORK FOR WOMEN. Omitted 1945-46. (4 q. hrs.)

231. MECHANICAL DRAWING I. (4 q. hrs.)

Techniques of drafting, geometrical construction, orthographic projection, development of surfaces, pictorial representations.

Fee $1.50.

232. MECHANICAL DRAWING II. (4 q. hrs.)

Treatment of scientific data for popular consumption, representations of fasteners used in machine design, study of methods and standards of drafting as used in larger industries. Complete drawings of machines are made.

Fee $1.50.

259. PRINTING I. Omitted 1945-46. (4 q. hrs.)

260. PRINTING II. Omitted 1945-46. (4 q. hrs.)

75. WOODTURNING. (2 q. hrs.)

Use of lathe tools for spindle and face plate turning.

Fee $1.50.

36. MILLWORK. (4 q. hrs.)

Furniture and cabinet making with use of woodworking machines.

Fee $2.00.

40. METHODS OF TEACHING INDUSTRIAL ARTS. (4 q. hrs.)

45. INDUSTRIAL ARTS DESIGN. (2 q. hrs.)

Fundamental principles of design, freehand sketching, selection nd use of joints in construction, color.

50. HOUSING I. (4 q. hrs.)

A modern house is planned and working drawings are begun.

Fee $1.50.

52. MACHINE METAL WORK I. (4 q. hrs.)

Operation, care, repair of the engine lathe.

Fee $2.50.

54. MACHINE METAL WORK II. (4 q. hrs.)

Drill press, milling machine, shaper.

Fee $2.50.

55. HOUSING II. (4 q. hrs.)

Continuation of Industrial Arts 350. Working drawings of a house re completed. Legal aspects of building are discussed.

Fee $1.50.

56. MACHINE METAL WORK III. (4 q. hrs.)

The student constructs a major piece of work, such as a drill press, aper, saw, or jointer.

Fee $2.50.

61. LINOTYPE OPERATION AND MAINTENANCE. Omitted 1945-46. (4 q. hrs.)

63. TRAFFIC EFFICIENCY AND AUTOMOBILE DRIVING. Omitted 1945-46. (4 q. hrs.)

65. WOODFINISHING. (2 q. hrs.)

Staining, varnishing, painting, fuming, lacquering, polychroming.

Fee $1.50.

80. CONCRETE AND ITS USES. Omitted 1945-46. (2 q. hrs.)

87. MACHINE WOODWORK. (4 q. hrs.)

An advanced course.

Fee $2.00.

1, 442, 443. SUPERVISED STUDENT TEACHING IN INDUSTRIAL ARTS. Every quarter. (4 q. hrs. for each course.)

Required in the industrial arts curriculum.

4. SAW FITTING. (2 q. hrs.)

Fee $1.25.

1. ORGANIZATION OF SUBJECT MATTER. (2 q. hrs.)

A continuation of Industrial Arts 340.

457. GENERAL SHOP. (FARM MECHANICS.) Omitted 1945-4 (4 q. hrs.)

460. GAS AND ELECTRIC ARC WELDING. Omitted 1945-46. (q. hrs.)

THE USE OF THE LIBRARY

120. THE USE OF THE LIBRARY. Every quarter. (1 q. hr.)

A series of twelve lessons covering the use of the card catalog magazine indexes, and common reference books. Students who hav completed Library XI in the Teachers College High School are excuse from all but the last four lessons. They should register for Librar 120 (XI) given in the first four weeks of the winter quarter.

Required in all curricula.

220. SCHOOL LIBRARIES. Summer. (4 q. hrs.)

The techniques for planning and organizing a library.

Elective in all curricula. Recommended for rural teachers and fo teacher-librarians in other schools. Prerequisite: Library 120. Desi able that students also have English 123. Not open to freshmen.

MATHEMATICS

120. THE SCIENCE, PSYCHOLOGY, AND TEACHING OF NUMBE Winter. (4 q. hrs.)

The subject matter and technique of teaching mathematics in th first six grades.

Required in the mathematics and elementary curricula. Does no count toward graduation in other curricula.

121. MATHEMATICS IN THE UPPER GRADES. Spring. (4 q. hrs.

The subject matter of the upper grades is discussed from th standpoint of the psychological and scientific development and of it use.

Required in the elementary curriculum. Does not count towar graduation in other curricula.

130, 131. ALGEBRA AND TRIGONOMETRY. Fall, winter. (4 q. hr for each course.)

The usual topics of college algebra and plane trigonometry take concurrently through two quarters.

Required in the mathematics curriculum. Prerequisite: One yea or more of high school algebra.

132. SOLID GEOMETRY. Fall. (4 q. hrs.)

Required of majors and minors in mathematics who have not ha solid geometry in high school. Prerequisite: Plane geometry.

133. FIELD WORK. Spring. (4 q. hrs.)

Theory and use of the slide rule, spherical trigonometry and appl cations to elementary celestial navigation, elementary problems i surveying, construction and use of the plane table.

Required in the mathematics curriculum. Prerequisite: Plan trigonometry.

1. **ANALYTIC GEOMETRY. Spring. (4 q. hrs.)**
The conic sections.

Required in the mathematics curriculum. Prerequisite: Mathematics 130, 131.

2. **COLLEGE GEOMETRY. Spring. (4 q. hrs.)**
The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

2, 236. **CALCULUS. Fall, winter. (4 q. hrs. for each course.)**
An introduction to the differential and integral calculus.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

3. **METHODS OF TEACHING HIGH-SCHOOL MATHEMATICS. Spring. (4 q. hrs.)**

Required in the mathematics curriculum.

34 **ALGEBRA. Fall. (4 q. hrs.)**
Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required in the mathematics curriculum. Prerequisite: Mathematics 235.

34 **ANALYTIC GEOMETRY. Winter. (4 q. hrs.)**
Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134, 235.

34 **CALCULUS. Spring. (4 q. hrs.)**
A continuation of Mathematics 235, 236.

Required in the mathematics curriculum.

44 442, 443. **SUPERVISED STUDENT TEACHING IN HIGH-SCHOOL MATHEMATICS. Every quarter. (4 q. hrs. for each course.)**

Required in the mathematics curriculum.

44 447, 448. **DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. Omitted 1945-46. (4 q. hrs. for each course.)**
Half of the year is given to differential equations, the remainder to topics in advanced calculus.

Elective. Prerequisite: Mathematics 345.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least years of study previous to college entrance and in the senior year n make a creditable public appearance as a condition of graduation. other minimum proficiency requirements toward graduation and applied music requirements toward the music minors, see the m curriculum outline on p. 57.

In order to meet the needs of the music teacher the following line of applied music is required. It may be noted that the minin requirements for all majors are two years of piano and one or years of voice and one year of study on some band or orchestral ins ment.

Major	Voice or Piano	12 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	3 quar. hours.

Credit in applied music is based upon performance standards satisfactory progress as determined through individual examina conducted at the close of each quarter: One quarter hour of cr for one half-hour private lesson per week plus daily practice; quarter hours of credit for two half-hour private lessons per week daily practice.

133, 134, 135. **THE FIRST YEAR'S WORK IN PIANO, VOICE, LIN, VIOLA, CELLO, FLUTE, CLARINET, OE TRUMPET, OR FRENCH HORN.** Every quarter. (hr. for each course.)

233, 234, 235. **THE SECOND YEAR'S WORK IN APPLIED MU** Every quarter. (1 q. hr. for each course.)

333, 334, 335. **THE THIRD YEAR'S WORK IN APPLIED MU** Every quarter. (1 q. hr. for each course.)

433, 434. **THE TENTH AND ELEVENTH QUARTER'S WORK APPLIED MUSIC.** Every quarter. (1 q. hr. for each cou

435. **SENIOR RECITAL.** Spring. (1 q. hr.)

The twelfth quarter's work in applied music.

II. Class Methods of Instruction

Note: The courses under this heading are laboratory courses require two periods a week for each quarter hour of credit.

126, 127, 128. **CLASS INSTRUCTION IN PIANO.** Fall, winter, sp (1 q. hr. for each course.)

A beginning course intended for students who have had no prev piano study. This year's work substitutes for first year piano in ap music. Stress is placed on the development of ability to play si melodies and accompaniments including sight reading.

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* Instrumental class hours excused may be added.

137, 138. CLASS INSTRUCTION IN VOICE. Fall, winter, spring. (1 q. hr. for each course.)

This course is for students who enroll in first year voice. It is de-
ed to help the student secure a background of fundamental vocal
niques.

Instrumental Class Methods. The instrumental class method
rses are designed to teach the techniques, musical possibilities,
ic theories and methods of teaching instruments of the band and
nestra. The basic physical laws and methods of tone production
comprehensively treated with the view of developing a progressive
roach to the expressive and technical problems of the instruments.
ruments are studied simultaneously with methods of teaching.
erials and methods suitable for the public school are surveyed.
dents in other curricula than music may elect the following
rses:

4 **147 (236, 237). VIOLIN CLASS METHODS.** Fall, winter. (2 q. hrs. for each course.)

Fee $1.00 for each course.

3 **(336). WOODWIND CLASS METHODS—CLARINETS.** Fall. (2 q. hrs.)

Fee $1.00.

3 **(337). BRASS CLASS METHODS—TRUMPET AND HORN.** Spring. (2 q. hrs.)

Fee $1.00.

3 **VIOLONCELLO AND CONTRA-BASS CLASS METHODS.** Spring. (2 q. hrs.)

Fee $1.00.

3 **(339). BRASS AND PERCUSSION METHODS—TROMBONE, BARITONE, TUBA, AND DRUMS.** Spring. (2 q. hrs.)

Fee $1.00.

5 **(338). WOODWIND CLASS METHODS—FLUTE, OBOE, AND BASSOON.** Fall. (2 q. hrs.)

Fee $1.00.

Above courses are required in the music curriculum.

III. Theory and History of Music

2 **124, 125. SIGHT-SINGING AND EAR-TRAINING.** Fall, winter, spring. (2 q. hrs. for each course.)

Development of skills in sight-reading through a study of mate-
is of the elementary school and the high school. Includes work
n ral and written tonal dictation leading to a sense of tonality and
prehension of the musical vocabulary.

Required in the music curriculum. These courses meet four periods
eek.

229. MUSIC APPRECIATION. Spring. (4 q. hrs.)

An enriching cultural course open to all college non-music stude A study is made of various types and forms of music as a mean increasing the student's enjoyment in listening to music. M favorite selections from the great music literature are made fami through hearing and analysis.

Required in the industrial arts curriculum. Elective in ot curricula.

230, 231, 232. HARMONY. Fall, winter, spring. (4 q. hrs. for e course.)

A study of the construction and manipulation of the material musical composition. This includes a study of harmonic and trapuntal devices useful to an understanding of the literature use the public schools. Emphasis is placed on original scoring for d trio, and quartet combinations, and includes the writing of piano companiments to songs, keyboard harmonization, and original setti to melodies.

Required in the music curriculum. Prerequisite: Music 125.

347. ORCHESTRATION. Spring. (2 q. hrs.)

A study is made of the musical possibilities and limitations of various orchestral and band instruments through reading and sc study. Projects in scoring for the high school groups are require

Required in the music curriculum. Prerequisite: Music 232.

351, 352. HISTORY AND APPRECIATION OF MUSIC. Fall, win (4 q. hrs. for each course.)

The first course emphasizes the development of music from beginning to the present time. A survey is made of schools, natio ities, composers, and representative musical literature. The sec quarter's work is designed to assist the student to an understand and an appreciation of music from the listener's standpoint. Meth and materials for teaching are included.

Required in the music curriculum.

449 (338). ELEMENTARY CHORAL CONDUCTING. Fall. (2 q. h

The problem of conducting is approached through a study of vocal score. The theories and principles of baton technique are cussed and practiced. Choral literature is analyzed for means of termining criteria for effective interpretation and performance.

Required in the music curriculum.

450. ADVANCED CONDUCTING. Winter. (2 q. hrs.)

A continuation of the study of baton technique, score reading, rehearsal routine with emphasis on the problems of the instrume ensembles.

Required in the music curriculum. Prerequisite: Music 449.

IV. Music Education

120. INTRODUCTION TO MUSIC. Fall. (4 q. hrs.)

Primary emphasis of the course is placed upon the musical velopment of the prospective teacher by means of group and individ singing, bodily movements in response to rhythms, study of element usic theory, ear-training and simple dictation, music reading, study f the elements of design in music, and acquaintance with music iterature used in the appreciation phase of the elementary school usic curriculum.

Required in the elementary curriculum.

27. MUSIC IN RURAL SCHOOLS. Summer. (2 q. hrs.)

28. MUSIC IN ELEMENTARY SCHOOLS. Spring. (4 q. hrs.)

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles nderlying the musical development of the child are discussed in class, nd made clear through observation of music teaching in the Training chool.

Required in the music and elementary curricula. Prerequisite in he elementary curriculum: Music 120.

40. METHODS OF TEACHING MUSIC IN HIGH SCHOOLS. Winter. (4 q. hrs.)

Required in the music curriculum.

41, 442, 443. SUPERVISED STUDENT TEACHING IN MUSIC. Every quarter. (4 q. hrs. for each course.)

Required in the music curriculum.

51. MUSIC SUPERVISION. Omitted 1945-46. (4 q. hrs.)

52. PSYCHOLOGY OF MUSIC. Omitted 1945-46. (4 q. hrs.)

V. Music Organizations

A music major, upon completing 12 quarter hours in the Department of Music, may register for credit in the principal organizations Choir, Band, Orchestra). One hour of credit is granted for one year's ontinuous work in each organization. A total of *nine* hours may thus e earned toward the department requirements for a major in music. music minor may register for a total of *four* hours.

ollege A Cappella Choir (Choir Ensemble 256, 356, 456).

The choir presents a Christmas program and other concerts both t the College and on tour, singing the finest sacred and secular a appella literature. Rehearsals are held twice weekly.

ymphonic Band (Band Ensemble 256, 356, 456).

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the ublic, both in Charleston and in neighboring cities. Open to all stuents who can qualify in playing ability. Some instruments are furished to members by the College. Three rehearsals are held each eek.

Orchestra (Orchestra Ensemble 256, 356, 456).

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College play and appears publicly on various occasions. Open to all students wh meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week.

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and ar held twice each week.

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to al women students. Scheduled rehearsals each week.

Recitals.

Each student is required to play or sing a suitable piece at leas two times during the year on a student recital program. Valuable experience is thus gained through public performance. Attendance by al music minors and majors is required for these recitals as well as othe music events sponsored by the Department of Music. The head of th department may in special cases excuse students from the abov requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week, is required of all men. Th courses consist in elementary work in the following activities:

- Gymnastics
- Tumbling
- Apparatus work
- Softball
- Basketball
- Volleyball
- Golf
- Tennis

At the beginning of each year a thorough physical examination i given to all students. The examining physician notes all defects, abnormalities and weaknesses and prescribes exercise to fit the needs o the individual. The Health Service Department follows up all cases i need of medical attention.

Equipment. Each student taking physical education is require to have a regulation gymnasium suit. This suit consists of a whit sleeveless jersey, khaki running pants, gray sweat shirt and pants and rubber-soled shoes. The student is required to keep these clea and in good condition. The College furnishes the student, upon th deposit of 75 cents, a locker and towels.

Professional Courses

(For the duration of the war the full program of courses cannot be ffered. Courses are chosen according to demand from the following ist.)

20. SPORT TECHNIQUE IN TENNIS, GOLF, ARCHERY, AND BADMINTON. Fall. (4 q. hrs.)

Rules, conduct of tournaments, teaching and appreciation.

Required in the physical education curriculum.

21. ELEMENTARY GYMNASTICS. Winter. (4 q. hrs.)

Required in the physical education curriculum.

22 (121). OUTDOOR RECREATIONAL SPORTS. Spring. (4 q. hrs.)

Soccer, touch football, volleyball, and softball.

Required in the physical education curriculum.

26. PHYSICAL EDUCATION ACTIVITIES FOR ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Fall. (4 q. hrs.)

Organization, management, and methods in leadership.

27. PHYSICAL EDUCATION AND HEALTH EDUCATION IN ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Winter. (4 q. hrs.)

Principles of teaching health.

40. METHODS AND MATERIALS FOR TEACHING PHYSICAL EDUCATION. (4 q. hrs.)

44. KINESIOLOGY. (4 q. hrs.)

The science of body mechanics.

47. BASKETBALL COACHING. Fall. (4 q. hrs.)

48. FOOTBALL COACHING. Winter. (4 q. hrs.)

49. TRACK AND FIELD COACHING. Spring. (4 q. hrs.)

50. BASEBALL COACHING. Spring. (4 q. hrs.)

41, 442, 443. SUPERVISED STUDENT TEACHING IN PHYSICAL EDUCATION IN THE HIGH SCHOOL AND ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)

Required in the physical education curriculum.

51. PRINCIPLES OF PHYSICAL EDUCATION. (4 q. hrs.)

Historic background and philosophy of physical education and its elation to general education.

52. PHYSICAL EDUCATION ADMINISTRATION AND SUPERVISION. Winter. (4 q. hrs.)

53. ADVANCED GYMNASTICS. (4 q. hrs.)

PHYSICAL EDUCATION FOR WOMEN

Physical Education, four hours a week, is required of all studen

An annual physical examination is given to all students and t physical education requirements are adjusted to the individual.

Regulation costumes are required. The gymnasium suit shou not be purchased until notified by the instructor.

Required Courses

101. FUNDAMENTALS AND HOCKEY. Fall. (1 q. hr.)

102. FUNDAMENTALS AND SOCCER. Fall. (1 q. hr.)

103. FUNDAMENTALS AND TENNIS. Spring. (1 q. hr.)

104. FUNDAMENTALS AND ARCHERY. Summer. (1 q. hr.)

105. FUNDAMENTALS AND GOLF. Spring and summer. (1 q. h

106. FUNDAMENTALS AND SOFTBALL. Spring. (1 q. hr.)

107. FUNDAMENTALS AND BASKETBALL. Winter. (1 q. hr.)

108. FUNDAMENTALS AND RHYTHM ANALYSIS. Winter. (1 q. h

210. FUNDAMENTALS AND INTRODUCTION TO MODERN DANC Winter. (1 q. hr.)

315. FUNDAMENTALS AND OUTDOOR GAMES FOR ELEMEN ARY GRADES. Fall. (1 q. hr.)
Required in the elementary curriculum.

316. FUNDAMENTALS AND RHYTHMS FOR ELEMENTAR GRADES. Winter. (1 q. hr.)
Required in the elementary curriculum.

317. FUNDAMENTALS AND INDOOR AND RECREATIONA GAMES FOR ELEMENTARY GRADES. Spring. (1 q. hr.)
Required in the elementary curriculum.

318. FUNDAMENTALS AND RECREATIONAL DANCING. Wint (1 q. hr.)

319. FUNDAMENTALS AND SPEEDBALL. Fall. (1 q. hr.)

Professional Courses

130. PLAYS, GAMES AND ACTIVITIES OF LOW ORGANIZATIO Fall. (4 q. hrs.)

This would include activities basic to those taught in the hi school.

Required in the physical education curriculum.

131. FIRST AID AND SAFETY EDUCATION. Winter. (4 q. hrs.)
Required in the physical education curriculum.

132 (344) LEADERSHIP IN RECREATION. Spring. (4 q. hrs.)

Leadership, recreational activities, organization of girls' clubs, community recreation, playground supervision.

Required in the physical education curriculum.

220. LEADERSHIP IN PHYSICAL FITNESS. Summer. (4 q. hrs.)

A course to prepare high-school teachers to teach the physical fitness program for boys and girls sponsored by the army and navy.

233 (454). TECHNIQUE OF SOCCER, SPEEDBALL, AND ARCHERY. Fall. (4 q. hrs.)

Required in the physical education curriculum.

234 (450). TECHNIQUE OF BASKETBALL AND VOLLEYBALL. Winter. (4 q. hrs.)

Required in the physical education curriculum.

235. THEORY OF PRESCRIBED EXERCISE. Omitted 1945-46. (4 q. hrs.)

Study and practice of posture examination and remedial posture measures in the school program.

Required in the physical education curriculum. Prerequisites: Anatomy 225, Physical Education 244.

244. KINESIOLOGY. Omitted 1945-46. (4 q. hrs.)

Body mechanics in relation to posture, sports, dancing, and everyday activities.

Required in the physical education curriculum. Prerequisite: Anatomy 225.

341. TECHNIQUE OF HOCKEY AND BADMINTON. Omitted 1945-46. (4 q. hrs.)

Required in the physical education curriculum.

343. TECHNIQUE OF SOFTBALL AND TENNIS. Spring. (4 q. hrs.)

Required in the physical education curriculum.

345. PHYSICAL EDUCATION ACTIVITIES FOR THE RURAL SCHOOL. Summer. (4 q. hrs.)

346. THE DANCE IN EDUCATION. Fall. (4 q. hrs.)

Dance as an art. The teaching of the dance in the public school system.

Required in the physical education curriculum. Prerequisites: Music 120 and Physical Education 210.

347. HEALTH ACTIVITY PROJECTS FOR THE ELEMENTARY GRADES. Summer. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN PHYSICAL EDUCATION. Every quarter. (4 q. hrs. for each course.)

Required in the physical education curriculum.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Omitted 1945-46. (4 q. hrs.)

Interpretation, objectives, and history of physical education in its relationship to other phases of education.

Required in the physical education curriculum.

455. PROBLEMS IN PHYSICAL EDUCATION. Omitted 1945-46. (q. hrs.)

Current trends in the field of health, physical education, and recreation. To include methods of teaching, evaluation of performance i activities, and any other material related to current tendencies in th field including the extra-curricular functions of the teacher of physica education.

Required in the physical education curriculum.

456. ORGANIZATION AND ADMINISTRATION OF A PHYSICA EDUCATION PROGRAM. Omitted 1945-46. (4 q. hrs.)

Required in the physical education curriculum. Prerequisite Physical Education 451.

458. OBJECTIVES OF PHYSICAL EDUCATION AND ADMINISTRATION OF THE PROGRAM. Spring. (4 q. hrs.)

Required of minors in physical education. Majors do not take thi course.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. PERSONAL AND COMMUNITY HYGIENE. Every quarter (4 q. hrs.)

This course is largely personal hygiene, and stresses nutrition digestion, dental hygiene, circulation, respiration, excretion, and endocrine glands.

It gives brief attention to the broad scope of public or communit health, and consideration of the principles of bacteriology and immunology, and the discussion of a few important communicable diseases

Required in all curricula, except the physical education curriculu for women.

345, 346. PHYSIOLOGY. Omitted 1945-46. (4 q. hrs. for each course.

II. Botany

Botany 120, 121, 122 is planned as a general cultural course as wel as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120. GENERAL BOTANY. Fall. (4 q. hrs.)

A study of the fundamental physiological processes in the growt of plants and the structures concerned in leaves, stems, and roots.

Required in the botany and home economics curricula. Electiv in other curricula. Fee $1.00.

121. GENERAL BOTANY. Winter. (4 q. hrs.)

The development of fruit and seeds from flowers, the mechanism of heredity, and a brief study of the great groups of plants.

Required in the botany curriculum. Prerequisite: Botany 120 Elective in other curricula. Fee $1.00.

122. GENERAL LOCAL FLORA AND PLANT ECOLOGY. Spring. (4 q. hrs.)

The identification and distribution of trees, common fresh water algae, mosses and ferns, and flowering plants.

Required in the botany curriculum. Prerequisite: Botany 120, 121 or permission of the instructor.

170. BACTERIOLOGY. (3 q. hrs.)

A modification of Botany 235 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

230. THE MORPHOLOGY OF GREEN PLANTS. Fall. (4 q. hrs.)

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups.

Required in the botany curriculum. Prerequisite: Botany 120, 121. Fee $1.00.

231. INTRODUCTION TO FUNGI AND PLANT DISEASES. Winter. (4 q. hrs.)

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required in the botany curriculum. Prerequisite: Botany 120, 121. Fee $1.00.

232. ECONOMIC BOTANY. Spring. (4 q. hrs.)

The effect of environment factors on the production of plant products. The cultural practices of agriculture and industry. This is not a laboratory course, but some field trips are required.

Required in the botany curriculum. Prerequisite: Botany 120, 121.

235. MICROBIOLOGY. Winter and spring. (4 q. hrs.)

A study of bacteria and fungi and their culture and isolation. The economic uses of the activity of micro-organisms.

Required of home economics majors and elective in other curricula. Prerequisite: Botany 120 and two quarters of chemistry. Recommended for a botany minor. Fee $1.00.

340. METHODS OF TEACHING BOTANY. Spring. (4 q. hrs.)

Required in the botany curriculum.

343. MICROTECHNIC. Winter. (4 q. hrs.)

A course in the preparation of botanical material and the making of microscopic slides.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122, 230 and some chemistry. Fee $1.00.

344. EXPERIMENTAL PLANT PHYSIOLOGY. Fall. (4 q. hrs.)

A qualitative and quantitative study of the chemical and physical processes that result in the growth of plants.

Required in the botany curriculum. Prerequisite: Botany 120, 121 and one year of chemistry. Fee $1.00.

345. ADVANCED BOTANY. Every quarter. (4 q. hrs.)

Individual advanced work in special fields.

Elective. Prerequisite: Permission of the instructor. Fee $1.00

346. PLANT ANATOMY AND WOOD IDENTIFICATION. Spring (4 q. hrs.)

A critical study of the development of the tissues of seed plants and their common ecological variations and hereditary types. Wood identification is stressed.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122. Fee $1.00.

441, 442, 443. SUPERVISED STUDENT TEACHING IN BOTANY. Every quarter. (4 q. hrs. for each course.)

Required in the botany curriculum.

III. Zoology

Zoology 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120, 121, 122. ANIMAL BIOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A consideration of fundamental biological principles based upon animal material. The structure of cells, tissues, and organs, together with their functions, is considered. The second course is concerned with reproduction in animals and with genetics and eugenics. The third course is concerned with structure and habits of the animals of the various divisions of the animal kingdom. Students enrolled in Zoology 122 must buy or rent a set of dissecting instruments.

Required in the zoology curriculum. Fee $1.00 for each course.

124. NATURE STUDY. Summer. (4 q. hrs.)

A course in bird study.

Elective in the elementary curriculum.

125. NATURE STUDY. Summer. (4 q. hrs.)

A study of insects.

Elective in the elementary curriculum.

170. ANATOMY. (8 q. hrs.)

A course offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

225. ANATOMY. Winter. (4 q. hrs.)

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula. Fee $1.00.

30, 231, 232. VERTEBRATE ZOOLOGY. Omitted 1945-46. (4 q. hrs. for each course.)

Anatomy, classification, and habits of vertebrates. Zoology 230 nsiders fishes, 231, amphibians and reptiles, 232, birds and mammals.

Required in the zoology curriculum. Prerequisite: Zoology 120, 121.

40. METHODS OF TEACHING ZOOLOGY. Spring. (4 q. hrs.)

Required in the zoology curriculum.

43, 344, 345. ADVANCED ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

Classification and ecology of insects.

Prerequisite: Zoology 120, 121. Fee $1.00 for each course.

41, 442, 443. SUPERVISED STUDENT TEACHING IN ZOOLOGY. Every quarter. (4 q. hrs. for each course.)

Required in the zoology curriculum.

46. MICROTECHNIC. Omitted 1945-46. (4 q. hrs.)

47. ANIMAL BEHAVIOR. Omitted 1945-46. (4 q. hrs.)

Theoretical and experimental studies of the reactions of animals to arious stimuli.

48. ANIMAL ECOLOGY. Omitted 1945-46. (4 q. hrs.)

49. SPECIAL PROBLEMS IN ZOOLOGY. Every quarter. (4 q. hrs.)

Elective. Prerequisite: Three years of work in zoology and perission of the instructor.

IV. Biology

26, 127, 128. GENERAL BIOLOGICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

An integrated course covering the fundamentals of botany and oology. Local flora and fauna; structure, modification, and function f cells; physical and chemical properties of the food and energy relaions of living things; cell division, reproduction, and laws of heredity.

Required in the elementary curriculum. Elective as a year of boratory science in any other curriculum. Does not count as a part f a major or minor in botany or zoology. Fee $1.00 for each course.

29. ELEMENTARY SCIENCE. Omitted 1945-46. (4 q. hrs.)

A course planned to acquaint the teacher with content suitable for n elementary science course and with the technique of the unit method hich is recommended in bulletins on the elementary curriculum issued y the Illinois State Department of Instruction.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry nd introduction to qualitative analysis (130, 131, 132). 2. Qualitative nd quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 44, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect t teach high-school chemistry. Chemistry 450 (one quarter), unles Chemistry 446, 447, 448 is elected, is required of chemistry major Chemistry 210, 211, 212 are required of those majoring in home ec nomics.

A breakage fee of $3.00 is charged for each laboratory course i chemistry.

130*, 131*, 132. ELEMENTARY CHEMISTRY. Fall, winter, sprin (4 q. hrs. for each course.)

A general cultural course providing an introduction to the basi fundamentals and principles of chemistry; the common metals an non-metals, the simpler organic compounds, and an introduction t qualitative analysis of metals.

Required in the chemistry, physics, botany, and zoology curricul and accepted as a year of laboratory science in other curricula.

150, 151, 152. GENERAL CHEMISTRY. Omitted 1945-46. (4 q. hrs for each course.)

A more detailed course than Chemistry 130, 131, 132 for student who have had chemistry in high school.

170. ELEMENTARY CHEMISTRY. (3 q. hrs.)

A course in elements of chemistry offered in extension to nurses i training at Lakeview Hospital, Danville, Ill. Recitations and laboratory

210, 211a. ORGANIC CHEMISTRY FOR HOME ECONOMIC MAJORS. Fall, first half of winter. (4 q. hrs. for 210 2 q. hrs. for 211a.)

The basic principles and the more important compounds.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131.

211b, 212. BIOCHEMISTRY. Last half of winter, spring. (2 q. hrs for 211b and 4 q. hrs. for 212.)

Organic chemistry and biochemistry of foods, digestion, and othe phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210, 211a.

233, 234a. QUALITATIVE ANALYSIS. Omitted 1945-46. (6 q. hrs.)

234b, 235. QUANTITATIVE ANALYSIS. Omitted 1945-46. (6 q. hrs.)

300. PHOTOGRAPHY. Fall. (4 q. hrs.)

The general theory and use of the camera and its parts; the emulsion, types of emulsion, latent image, development, fixation, printing enlarging, toning, filters, color photography, composition. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera.

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* Chemistry 130 and 131 in winter and spring for Home Economics students.

01. ADVANCED PHOTOGRAPHY. Omitted 1945-46. (4 q. hrs.)

10. MODERN CHEMISTRY AND ITS APPLICATION TO NATIONAL DEFENSE. Omitted 1945-46. (4 q. hrs.)

40. METHODS OF TEACHING CHEMISTRY. Spring. (4 q. hrs.)

Required in the chemistry curriculum.

43, 344, 345. ORGANIC CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

The aliphatic and aromatic series and the principles of organic hemistry.

Required in the chemistry curriculum. Prerequisite: Chemistry 30, 131, 132.

60. COLLOIDS. Omitted 1945-46. (4 q. hrs.)

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry.

41, 442, 443. SUPERVISED STUDENT TEACHING IN CHEMISTRY. Every quarter. (4 q. hrs. for each course.)

Required in the chemistry curriculum.

46, 447, 448. PHYSICAL CHEMISTRY. Omitted 1945-46. (4 q. hrs. for each course.)

Fundamental physical properties governing chemical reactions.

Elective. Prerequisite: Chemistry 233, 234, 235; Physics 130, 131, 32, Mathematics 235, 236. Additional courses in mathematics and hemistry desirable.

50, 451, 452. ADVANCED CHEMISTRY. Every quarter. (4 q. hrs. for each course.)

Laboratory technique, maintenance and repair of apparatus such s that found in the average high-school laboratory, and use of the iterature of chemistry are developed in the student by means of a imple research problem. The student is expected to choose the type f work in which he is most interested after consulting with the head f the department. One quarter's work is required of all chemistry ajors.

Chemistry 450 is required unless Chemistry 446, 447, 448 is taken. rerequisite: Physics 130, 131, 132, and permission of instructor.

II. Physics

30, 131, 132. FIRST YEAR OF COLLEGE PHYSICS. Fall, winter, spring. (4 q. hrs. for each course.)

Physics 130, mechanics; 131, heat, light, and sound; 132, magnetism nd electricity and modern physics.

Required in the physics curriculum. Acceptable as a year of labratory science in any curriculum. Fee $1.00 for each course.

35. MECHANICS AND HEAT. Fall. (4 q. hrs.)

Second year experiments with Atwood's machine, elastic and inlastic impact, simple harmonic motion; Boyle's and Charles's Law, apor pressure, mechanical equivalent of heat.

Fee $1.00.

236. LIGHT. Winter. (4 q. hrs.)

Second year experiments with lenses and mirrors, prism an grating spectroscopy, Michelson interferometer and polarization phenomena.

Fee $1.00.

237. ELECTRON PHYSICS. Omitted 1945-46. (4 q. hrs.)

Second year experiments with radio-activity, discharge tubes vacuum tubes, photo-electricity, thermo-couples, X-rays.

Fee $1.00.

238. SOUND. Omitted 1945-46. (4 q. hrs.)

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing A brief introduction to architectural acoustics. A summary of moder methods of analysis. Class and laboratory. Most of the laborator time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music.

243. FIRST PRINCIPLES OF RADIO. Omitted 1945-46. (4 q. hrs.)

244. ELECTRICAL MEASUREMENTS. Spring. (4 q. hrs.)

A course in the study and use of electrical measuring and testin instruments with special consideration for their use in radio work Class and laboratory.

Prerequisite: Physics 132. Fee $1.00.

245. ELECTRICAL CIRCUITS. Omitted 1945-46. (4 q. hrs.)

Circuit analysis for both D.C. and A.C. circuits. Typical method used in radio problems are studied. Also the function of inductance capacitance, and resistance in circuits.

Prerequisite: Physics 132.

322. HOUSEHOLD PHYSICS. Fall. (4 q. hrs.)

A course for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home.

Fee $1.00.

340. METHODS OF TEACHING PHYSICS. Omitted 1945-46. (4 q. hrs.)

Required in the physics curriculum.

348. MECHANICS, THEORY. Omitted 1945-46. (4 q. hrs.)

A standard elementary course in theoretical mechanics. Studie of forces acting on a body; vectors; the laws of motion as applied t physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry.

349. HEAT, THEORY. Omitted 1945-46. (4 q. hrs.)

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130.

0. ELECTRICITY AND MAGNETISM, THEORY. Omitted 1945-46. (4 q. hrs.)

Magnets and the magnetic field; the electric field; direct current d magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry.

1. RADIO SERVICING. Omitted 1945-46. (4 q. hrs.)

2. ADVANCED PRINCIPLES OF RADIO. Omitted 1945-46. (4 q. hrs.)

3. APPLICATIONS OF RADIO TUBES. Omitted 1945-46. (4 q. hrs.)

1, 442, 443. SUPERVISED STUDENT TEACHING IN PHYSICS. Every quarter. (4 q. hrs. for each course.)

Required in the physics curriculum.

1. LIGHT, THEORY. Omitted 1945-46. 4 q. hrs.)

A brief review of geometrical optics. Phenomena of light studied terms of physical optics (light as a wave motion). Optical instruents; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry.

2, 453. MODERN PHYSICS. Omitted 1945-46. (4 q. hrs. for each course.)

A survey of basic experiments and theories of modern physics. dio-activity; discharge of electricity through gases; X-rays; photoectricity; the structure of matter and the periodic table; matter and diation.

Prerequisite: Physics 130, 131, 132, and trigonometry.

1. RADIO CONSTRUCTION PROBLEMS. Omitted 1945-46. (4 q. hrs.)

III. Physical Science

0, 101, 102. PHYSICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

A survey course in chemistry and physics.

Required in the elementary curriculum. Elective in other curricula a year of laboratory science. Not counted toward a minor in chemtry or physics. Fee $1.00 for each course.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 5; 346, 347, 348; 363, 364, 365; 354, 355, 356 or 453, 454, 455; 0; 441, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; 346, 347, 8. or 363, 364, 365, or 354, 355, 356, or 349, 350, 351, or 453, 454, 455, or 3, 344, 345, or 366, 367, 368.

7. GREEK CIVILIZATION. Fall. (4 q. hrs.)

A brief survey of the civilizations of the Nile, Tigris, and Euphrates lleys.

Required in the social science, foreign language, and elementary rricula.

138. ROMAN HISTORY. Winter. (4 q. hrs.)

The early life of the Romans and the development of the insti tions of the republic; the expansion of the Roman powers; the devel ment of the empire. Special attention is given to the developm of political institutions and of the Roman law.

Required in the social science, foreign language, and elem tary curricula.

139. MEDIEVAL EUROPE, 500 TO 1500 A.D. Spring. (4 q. hrs.)

The break-up of the Roman Empire and the Barbarian Invasion the development and significance of the Church; the development the feudal organization of society; the crusading movement; the dev opment of town life; the development of strong states; the Renaissan

Required in the social science, art, and elementary curricula.

170. SOCIOLOGY. (4 q. hrs.)

A modification of the material of Social Science 453 offered in tension to nurses in training at Lakeview Hospital, Danville, Ill.

233, 234, 235. HISTORY OF THE UNITED STATES. Fall, wint spring. (4 q. hrs. for each course.)

Political, social, and economic history of the United States: 2 1492-1824; 234, 1824-1876; 235, since 1876.

Required in the two-year general, social science, and elementa curricula. At least one quarter required of all candidates for graduati

240. METHODS AND MATERIALS IN THE SOCIAL STUDIES THE ELEMENTARY SCHOOL. Omitted 1945-46. (4 q. hrs.)

Elective in the elementary curriculum.

256. RURAL SOCIOLOGY. Summer. (4 q. hrs.)

330. CONSUMER ECONOMICS. Fall. (4 q. hrs.)

Required in the industrial arts and home economics curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES AN GEOGRAPHY IN THE SECONDARY SCHOOL. Fall and sprin (4 q. hrs.)

Required in the social science curriculum.

340G. METHODS AND MATERIALS IN THE SOCIAL STUDI AND GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitt 1945-46. (4 q. hrs.)

343. HISTORY OF ENGLAND TO 1603. Fall. (4 q. hrs.)

344. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 16 1830. Winter. (4 q. hrs.)

345. HISTORY OF THE BRITISH EMPIRE, 1830-1945. Spring. (4 hrs.)

The political, social, and economic history of England and t British Empire.

Social Science 343, 344, 345 required in the English curriculum.

6, 347, 348. HISTORY OF EUROPE. Fall, winter, spring. (4 q. hrs. for each course.)

The political, economic, and cultural history of Europe: 346, 1500- 89; 347, 1789-1871; 348, since 1871.

Required in the social science curriculum.

9. LATIN-AMERICAN HISTORY TO 1830. Fall. (4 q. hrs.)

A survey of the period of exploration and settlement of the panish and Portuguese empires in the western world. Colonial devel- ment. The era of revolution and independence. The relationships tween the Latin-American colonies and nations with the English lonies and the United States.

Elective.

0. LATIN-AMERICAN HISTORY SINCE 1830. Winter. (4 q. hrs.)

Political, economic, and cultural developments south of the Rio rande. The relationships between the Latin-American republics and e United States. Emphasis on the Monroe Doctrine, the Pan-Ameri- n Union, and the "Good Neighbor" policy.

Elective.

1. HISTORY OF CANADA. Spring. (4 q. hrs.)

The settlement of French Canada. French colonial development. he conquest of French Canada by the British. The change from lonial Canada to the Dominion. Political, economic, and cultural rowth of Canada as a part of the British Empire. The relationships tween Canada and the United States. Emphasis on cooperation be- een the two countries.

Elective.

4, 355, 356. PRINCIPLES OF ECONOMICS. Fall, winter, spring. (4 q. hrs. for each course.)

Modern economic organizations; value and price. Money, banking, d exchange; distribution. Public finance; modern economic problems.

Required in the commerce curriculum. Elective in other curricula.

3. STATE GOVERNMENT. Fall. (4 q. hrs.)

A study of the structure and functions of the government of the ate with particular attention to the government of Illinois.

Required in the social science curriculum.

4. LOCAL GOVERNMENT. Winter. (4 q. hrs.)

A study of the structure and functions of the government of the litical subdivisions of the State. About one half of the course is voted to city government, and one half to the government of the unty, township, and other local units.

Required in the social science curriculum.

5. THE NATIONAL GOVERNMENT. Spring. (4 q. hrs.)

A study of the structure and functions of the national government the United States. The Constitution of the United States is examined detail.

Required in the social science curriculum.

366. POLITICAL PARTIES AND POLITICS. Fall. (4 q. hrs.)

A study of the development, organization, functions, and sign cance of political parties in the United States.

Elective.

367. INTERNATIONAL RELATIONS OF THE UNITED STAT Winter. (4 q. hrs.)

A study of the place of the United States in the world communi The development of the machinery and spirit of international coope tion.

Elective.

368. WAR BACKGROUNDS AND POST-WAR PROBLEMS. Spri (4 q. hrs.)

An integrated course bringing together material from the fields history, political science, and economics, stressing the problems post-war world settlement. Designed for teachers in service and oth mature students.

Elective.

441, 442, 443. SUPERVISED STUDENT TEACHING IN HI SCHOOL SOCIAL SCIENCE. Every quarter. (4 hrs. for each course.)

Required in the social science curriculum.

453. THE COMMUNITY AND SOCIETY. Fall. (4 q. hrs.)

The contemporary community as the unit of social study, t bases of community life, types of communities, of activities, of orga zation, of government, and of maladjustments; community plannin relations of the community to society as a whole.

Required in the home economics curriculum. Elective in oth curricula.

454. PRINCIPLES OF SOCIOLOGY. Winter. (4 q. hrs.)

Social relations and institutions, society as communication, co petitive cooperation and functional patterns, spatial structure of ciety, social change, social disorganization, the person in relation culture, and the social organization, social control, and social refor

Elective.

455. SOCIAL PROBLEMS AND SOCIAL TRENDS. Spring. (4 q. hr

The nature of social problems; the problem of adjustment to ternal nature; population problems; problem of the distribution wealth and income; health and physical welfare; control and care defectives; the family and child welfare; crime; the meaning a agencies of social control.

Elective.

SPEECH

Requirements for a minor: Speech 130, 132, 244, 331, 345, 433.

30. **FUNDAMENTALS OF SPEECH. Fall. (4 q. hrs.)**

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required in the speech curriculum.

132. **VOICE AND DICTION. Spring. (4 q. hrs.)**

Instruction and practice in breathing, relaxation, tone production, rhythm, inflection, and enunciation.

Required in the speech curriculum.

135 (235). **CHORIC SPEECH. Winter. (4 q. hrs.)**

Choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required in the speech curriculum.

244 (444). **PLAY PRODUCTION. Winter. (4 q. hrs.)**

Instruction and practical experience in the technique of dramatics, ncluding acting, stagecraft, theatre organization, and directing.

Required in the speech curriculum.

246 (346). **EVOLUTION OF ORATORY. Spring. (4 q. hrs.)**

Analyses are made of various types of model speeches at different periods, with emphasis on the present. Practice in composing and delivering original orations.

Required in the speech curriculum.

331. **DISCUSSION AND DEBATE. Winter. (4 q. hrs.)**

Principles and participation in class discussions and debates on subjects of current interest.

Required in the speech curriculum.

335 (435). **ORAL READING. Spring. (4 q. hrs.)**

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed.

Required in the speech curriculum.

345. **PUBLIC SPEAKING. Every quarter. (4 q. hrs.)**

This course gives actual practice in speaking before a group. The problems of choosing subjects, gathering material, and composing speeches, as well as delivering them effectively, are studied.

Required in all curricula.

431 (131). **CREATIVE DRAMATICS. Spring. (4 q. hrs.)**

Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented.

Required in the speech curriculum.

433 (233). **PRINCIPLES OF SPEECH CORRECTION. Fall. (4 hrs.)**

Designed to give the student a practical knowledge of the vario kinds of speech defects and their treatment. The individual psycholo of the speech-handicapped person is emphasized.

Required in the speech curriculum.

434 (234). **ADVANCED PRINCIPLES OF SPEECH CORRECTIO Winter. (4 q. hrs.)**

Required. Prerequisite: Speech 433 (233).

441, 442, 443. **SUPERVISED STUDENT TEACHING IN SPEEC Every quarter. (4 q. hrs. for each course.)**

Required in the speech curriculum.

445. **ADVANCED PLAY PRODUCTION. Fall. (4 q. hrs.)**

Advanced technical studies and experience in stagecraft and recting.

Required in the speech curriculum.

IV. LISTS

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING JUNE 1, 1945

	Men	Women	Total	Total
Eight Weeks' Summer Term, 1944	29	252	281	281
Extension Students (Summer, 1944)				
Campus Refresher Course	2	46	48	
Vandalia Extension	3	100	103	
	5	146	151	151
Regular School Year—September 11, 1944 to June 1, 1945:				
Teachers College:				
Seniors	8	36	44	
Juniors	9	45	54	
Sophomores	12	60	72	
Freshmen	52	121	173	
Special Students	1	3	4	
Total in College	82	265	347	
Extension Students (exclusive of duplicates)	83	505	588	
High School:				
Twelfth Year	22	17	39	
Eleventh Year	17	20	37	
Tenth Year	22	23	45	
Ninth Year	14	31	45	
Post-Graduate	1	0	1	
Total in High School	76	91	167	
Total above the Eighth Grade	241	861	1102	
Elementary Training School	113	127	240	
Total for the Regular Year	354	988	1342	1342
Total for the twelve months ending June 1, 1945				1774
Counted twice (College only)	11	47		58
Grand Total of Students and Pupils				1716

COUNTIES REPRESENTED—YEAR 1944-45

Bond
Boone
Champaign
Christian
Clark
Clay
Coles
Cook
Crawford
Cumberland
Douglas
Edgar
Edwards
Effingham
Fayette
Greene
Jasper
Jefferson
Jersey
Kankakee
Lake
Lawrence
Logan
Macon
Macoupin
Madison
Marion
McHenry
Montgomery
Moultrie
Piatt
Randolph
Richland
St. Clair
Sangamon
Shelby
Stephenson
Vermilion
Wabash
Washington
Wayne
White
Winnebago

OTHER STATES REPRESENTED

ndiana
Ohio
New Mexico

NATIONAL HONORARY FRATERNITIES MEMBERSHIP

GAMMA THETA UPSILON

Gloria Elizabeth Anderson	Sophomore	Winds
Rebecca Moore Blackford	Senior	Charlest
Henry Lewis Buzzard	Junior	Charlest
Jessie Rosella Cameron	Junior	St. El
Lennie Gray	Junior	Broct
Mary Elizabeth McCarty	Junior	Flat Ro
Violet Deborah McFarland	Senior	Chrism
Zada Iona Mowrer	Junior	Claremo
Harvey Wilford Pulliam, Jr.	Junior	Newt
Ola Beatrice Seeley	Junior	Mt. Carn
Ruth Evelyn Shawver	Sophomore	Charlest
Arrah Jean Workman Shumaker	Senior	Cas
George Thomas Tade	Senior	Lovingt
Vivian Marie Turner	Senior	Chatha

SIGMA TAU DELTA

Luella Day	Junior	Charlest
Theodorsa Rae Ruhmann	Senior	Chica

KAPPA PI

Wilma Jean Daily	Senior	Sumn
Daisy Ruth Daugherty	Senior	Hammo
Merna Dean Fisher	Senior	Urba
Betty June Jenkins	Senior	Tower H
Virginia Rose Kannmacher	Senior	Martinsvi
Betty June Brotherton Reed	Senior	Matto
Vivian Marie Turner	Senior	Lovingt

KAPPA MU EPSILON

Delbert Ferrel Atkins	Senior	West Yo
Margaret Ann Berner	Sophomore	Marsh
Henry Lewis Buzzard	Junior	Charlest
Virginia Berniece Christian	Senior	Matto
Clemens Bernard Hanneken	Senior	Rams
Lyle Lester Knott	Sophomore	Charlest

PI OMEGA PI

Virginia Florence Borders	Senior	Charlest
Mary Joan Coon	Junior	Broct
Viola Esther Huelskoetter	Junior	Altamo
Willa Frances Lane	Senior	Potom
Mary Jo Searby	Junior	Mt. Carm

PI KAPPA DELTA

Betty Grace Elliott	Sophomore	Oblo
William Smith Warford	Sophomore	Charlest

KAPPA DELTA PI

Catherine Eloise Boyd	Senior	Sulliv
Wilma Jean Daily	Senior	Sumn
Merna Dean Fisher	Senior	Urba
Virginia Rose Kannmacher	Senior	Martinsvil
Willa Frances Lane	Senior	Potom
Anna Louise Manuell	Senior	Taylorvil
Leslie Mayberry	Senior	Hoopest

THETA ALPHA PHI

Betty Allen Gresham	Junior	Hobbs, New Mexi
Bertha Marie Myers	Junior	Mt. Oli
Melvina Jo Refine	Junior	Springfie
James Hayden Roberts	Junior	Charlesto
Veda Anita Sterchi	Senior	Olne

DEGREE GRADUATES

1944

NAME	POSTOFFICE
lbers, Bette Juanita Sherrick	Greenup
shby, Mary Marjorie	Charleston
ails, Jene Louise	Charleston
ainbridge, Sara Louise	Charleston
aker, Leo Clark	Charleston
ell, Constance Yvonne	Charleston
idle, Richard Henry	Robinson
riggs, George Smith	Charleston
ullerman, Elnora Matilda	Shumway
urgener, Elizabeth Suzanne	Olney
uss, Lottie Lucille	Dundas
arter, Ruby Aileen	Charleston
obble, Marjorie Chamberlin	Gays
onley, Shirley E. Baughman	Edwardsville
ickson, Margaret Marie	Ridgefarm
ively, Kathryn Elizabeth	Paris
onaldson, Doris	Charleston
llis, Ruth Hope	St. Jacob
agen, Lillian Miriam	Danville
eldman, Wilma Leora	West Salem
erree, Marie Josephine	Gays
inkbiner, Norma Rose	Palestine
leenor, Mary Ruth	Gays
ard, Freda Ellen	Casey
ibson, Ruth Mary Leitch	Chicago
oldsmith, Jennie Lou	Newton
ordon, Lowell Wilson	Toledo
rote, Donald Victor	Oconee
rote, Mary Ellen	Oconee
enderson, Rebecca Jean	Charleston
enschen, Leona Mildred	Rosamond
igginson, Charlene C.	Crossville
ill, Nettie Frances	Charleston
on, Elizabeth Jane	Crossville
udson, Susa Jane	Taylorville
yde, Alice Elizabeth	Champaign
ohnson, Anna Louise	Lawrenceville
ones, Mary Jean	Vandalia
elley, Zelma Waneta	Danville
ing, Norma Jane	Charleston
eedy, Louise Elizabeth	Annapolis
ewis, Betty Margaret	Waggoner
Logue, Jay Lawrence	Beecher City
Manley, Katherine Cecilia	Paris
McCall, Sarah Disa	Charleston
McCord, Charles Luxton	East Lynn
McGee, Rosemary	Edgewood
Miller, Melvin Linder	Mt. Carmel
Morse, Elizabeth Clare	Woodstock
Morse, Mary Ellen Wright	Paris
Moyer, Bona Gene	Charleston
Nelson, Florence Emele	Granite City
Nicoson, Rosemary	Brocton
Nicoson, Wanda Eileen	Kansas
Petersen, Pollyanna	Ramsey
Petitt, Mary Beth Piersol	Kankakee
Renshaw, Noberta Emmogene Radloff	Shelbyville
Robertson, Annabelle Borton	Tower Hill
Rominger, Dorothy Jean	Charleston
Russell, Mildred Geneva	Charleston
Smith, Edith Rosalie	Danville
Smith, Lena Elizabeth	Metcalf
Smithenry, Evelyn Rose	Newton
Stanhope, Jessie Pearl	West Salem
Stansfield, Anna Ruth	Lawrenceville
Stansfield, Elizabeth	Lawrenceville
Steinbrecher, Emily Marie	Mattoon
Stevens, Helen Lee	Centralia
Stickler, Marjorie Peterson	Maywood
Strader, Joseph Leon	Charleston
Thomas, Margery Beth	Charleston
Walters, John Abner	Hindsboro
Warford, Lucy Marian	Oblong
Weidner, Geneva Margaret	Edwardsville
Wente, Margaret Mary	Neoga
Wright, Cathryne A.	Decatur
Young, Mary Elizabeth	Donnellson

Men	10
Women	67
Total	77

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RATING

EASTERN ILLINOIS STATE TEACHERS COLLEGE IS FULLY ACCREDITED

(1) as a Teachers College in the American Association of Teachers Colleges

(2) as a College in the North Central Association of Colleges and Secondary Schools

(3) Institutional member, American Council on Education.

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5/46

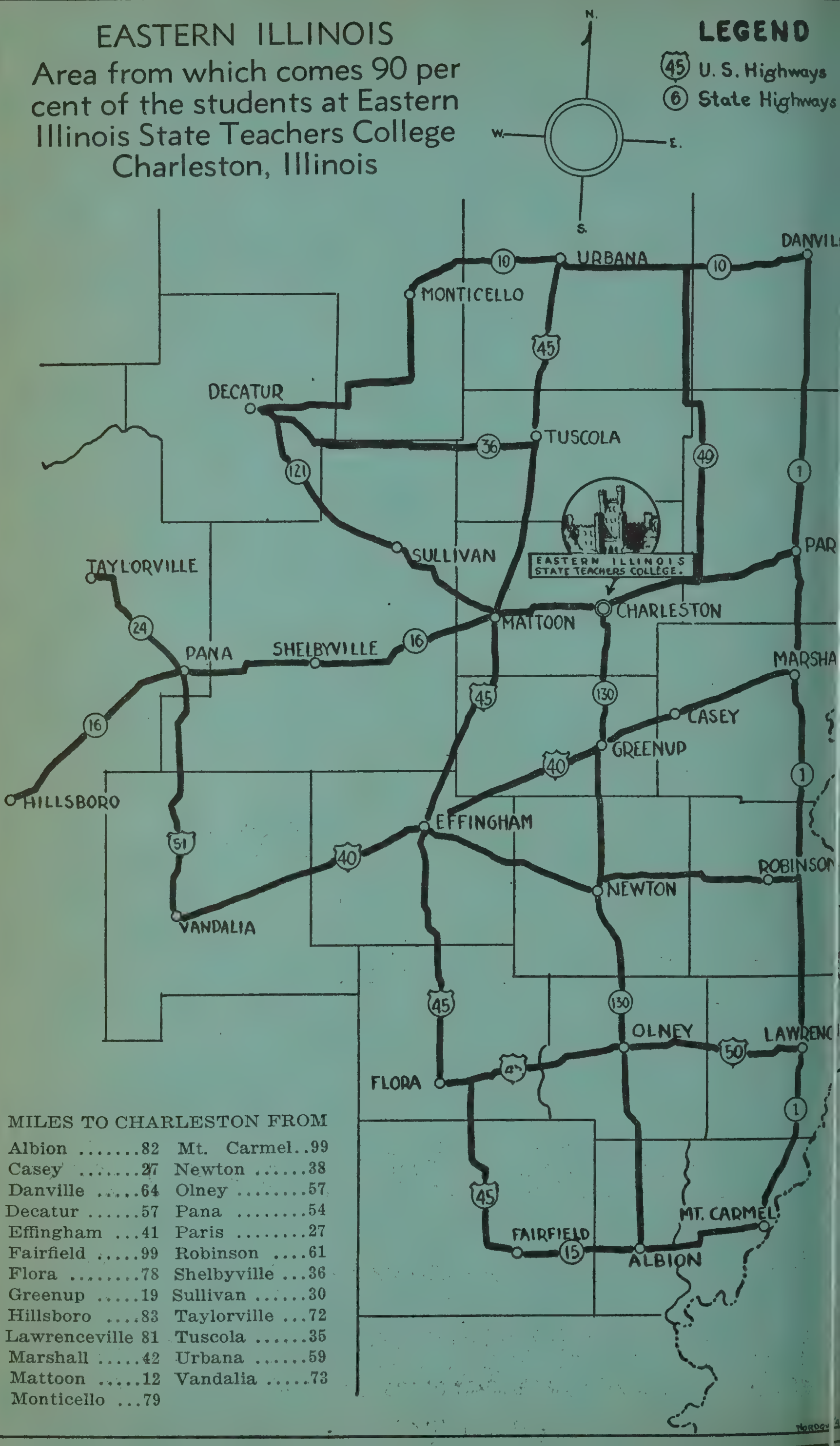
EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

ANNOUNCEMENTS FOR 1946-47 SESSIONS

CHARLESTON, ILLINOIS

EASTERN ILLINOIS

Area from which comes 90 per cent of the students at Eastern Illinois State Teachers College Charleston, Illinois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TUSCOLA
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EASTERN ILLINOIS STATE TEACHERS COLLEGE
PAR
SULLIVAN
TAYLORVILLE
24
CHARLESTON
MATTOON
16
PANA
SHELBYVILLE
MARSHA
130
CASEY
GREENUP
40
HILLSBORO
EFFINGHAM
51
ROBINSON
NEWTON
VANDALIA
OLNEY
LAWRENC
50
FLORA
MT. CARMEL
FAIRFIELD
15
ALBION

MILES TO CHARLESTON FROM

Albion	82	Mt. Carmel	99
Casey	27	Newton	38
Danville	64	Olney	57
Decatur	57	Pana	54
Effingham	41	Paris	27
Fairfield	99	Robinson	61
Flora	78	Shelbyville	36
Greenup	19	Sullivan	30
Hillsboro	83	Taylorville	72
Lawrenceville	81	Tuscola	35
Marshall	42	Urbana	59
Mattoon	12	Vandalia	73
Monticello	79		

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 175 July 1, 1946

47th YEAR

ACADEMIC RECORD 1945-46 SESSIONS

ANNOUNCEMENTS FOR 1946-47 SESSIONS

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the Eastern Illinois State Teachers College, Charleston, Illinois. Entered March 5, 1902, as second-class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

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DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues
BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing
HOBART F. HELLER, Dean of the College

Housing, Student Employment, and Personal Problems
HAROLD M. CAVINS, Dean of Men
ELIZABETH K. LAWSON, Dean of Women

Veterans Services
RUDOLPH D. ANFINSON, Director

Pemberton Hall
MRS. ALICE N. COTTER, Director

Payment of Fees
RAYMOND R. GREGG, Business Manager

Teacher Placement
HARRY L. METTER, Director of Teacher Training and Placement

Student Health
MARY E. THOMPSON, College Nurse

Textbook Library
HENRY J. ARNOLD, Manager

Extension Courses
BRYAN HEISE, Director of Extension

Public Relations and Alumni Affairs
WILLIAM H. ZEIGEL, Acting Director of Public Relations and Alumni Secretary

Information Regarding Summer Session
BLANCHE C. THOMAS, Registrar, or
HOBART F. HELLER, Dean

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WHY I TEACH

Because I would be young in soul and mind
Though years must pass and age my life constrain
And I have found no way to lag behind
The fleeting years, save by the magic chain
That binds me, youthful, to the youth I love,
I teach.

Because I would be wise, and wisdom find
From millions gone before whose torch I pass,
Still burning bright to light the paths that wind
So steep and rugged, for each lad and lass
Slow climbing to the unrevealed above,
I teach.

Because in passing on the living flame,
That ever brighter burns the ages through,
I have done service that is worth the name
Can I but say "The flame of knowledge grew
A little brighter in the hands I taught,"
I teach.

Because I know that when life's end I reach
And thence pass through the gates so wide and deep
To what I do not know, save what men TEACH
That the remembrance of me will keep
Is what I've done; and what I have is naught,
I teach.

—Louis Burton Woodward

1946

JULY

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1947

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DECEMBER

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COLLEGE CALENDAR, 1946-47

Fall Quarter, 1946 (Twelve Weeks)

Saturday, September 7	Faculty meeting day, 8 a. m.
Monday, September 9 Tuesday, September 10	Registration
Wednesday, September 11	Classes begin, 8 a. m.
Friday, October 11	Eastern Division Meeting
Saturday, October 26	Homecoming
Thursday, November 28	Thanksgiving Day
Friday, November 29	Fall Quarter closes

Winter Quarter, 1946-47 (Twelve Weeks)

Monday, December 2	Registration, 8 a. m.
Friday, December 20	Christmas recess begins, 3 p. m.
Monday, January 6	Classes resume, 8 a. m.
Friday, March 7	Winter Quarter closes

Spring Quarter, 1947 (Twelve Weeks)

Monday, March 10	Registration, 8 a. m.
Wednesday, April 2	Easter recess begins at close of school day
Tuesday, April 8	Classes resume, 8 a. m.
Sunday, June 1	Baccalaureate, 3 p. m.
Wednesday, June 4	Commencement, 10 a. m.
Monday, June 9	Summer Term begins

State of Illinois — Dwight H. Green, *Governor*

DEPARTMENT OF REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

VERNON L. NICKELL
Superintendent of Public Instruction (Springfield)
Secretary

APPOINTED MEMBERS

Miss Harriett A. McIntire, Mendota	1937-1943
Mrs. Helen R. Pegelow, Mattoon	1939-1945
Dr. Preston Bradley, Chicago	1941-1947
Lindell W. Sturgis, Metropolis	1941-1947
Russell L. Guin, Danville	1941-1947
Richard F. Dunn, Normal	1943-1949
Robert W. Davis, Carbondale	1943-1949
Ira M. Means, Macomb	1945-1951
Lewis M. Walker, Gilman	1945-1951

Edwin McDonald . . . . Co-ordinator (Springfield)

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

ADMINISTRATION

1945-46

Office of the President

Robert Guy Buzzard, Ph.D.	President
Roy Kenneth Wilson, A.M.	Secretary to President and Director of Public Relations (On leave for service in U. S. Naval Reserve)
William H. Zeigel, Ph.D.	Acting Director of Public Relations and Alumni Secretary
Florence Leone Fair, A.B.	Secretary

Office of the Dean and Registrar

Hobart Franklin Heller, Ph.D.	Dean
Blanche Claire Thomas	Registrar
Helen Josephine Whalen	Secretary

Office of Dean of Women

Elizabeth K. Lawson, Ph.D.	Dean of Women
Dorothy Cherry	Secretary

Office of Dean of Men

Harold Maxon Cavins, Ed.D.	Dean of Men (From December 1, 1945)
James Glenn Ross, Ph.D.	Acting Dean of Men (To November 30, 1945)

Office of Veterans Services

Rudolph D. Anfinson, Ph.D.	Director

Office of the Director of Training Schools

Harry Louis Metter, Ph.D.	Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D.	Principal of High School
Arthur U. Edwards, Ph.D.	Principal of Elementary School
Hans Christian Olsen, Ph.D.	Director of Off-Campus Student Teaching
Elizabeth Jane Lionberger, B.Ed.	Secretary

Office of Extension Director

Bryan Heise, Ph.D.	Director of Extension

Office of Health Service

Mary Ellen Thompson, R.N.	College Nurse

Business Office

Raymond Rosco Gregg, A.M.	Business Manager
Violet Bird Taylor, B.A.	Secretary
Dorothy Virginia Davis	Stenographer

Office of Textbook Library

Henry J. Arnold, A.M.	Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B.	Director of Pemberton Hall

Buildings and Grounds

Camille F. Monier	Superintendent of Grounds
Granvil Shafer	Superintendent of Buildings
Edson B. Clodfelter	Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1945-46

Asterisk (*) indicates Head of Department.
Double Asterisk (**) indicates Acting Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D. . . . . *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

HOBART FRANKLIN HELLER, Ph.D. . . . . *Dean*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

ROY KENNETH WILSON, A.M. . . . . *Secretary to President and Director of Public Relations*
B.Ed., Eastern Illinois State Teachers College, 1936; A.M., University of Illinois, 1943. (On leave for service in U. S. Naval Reserve.) (1937)

WILLIAM H. ZEIGEL, Ph.D. . . . . *Acting Director of Public Relations and Alumni Secretary*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

HAROLD MAXON CAVINS, Ed.D. *Dean of Men*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Ed.D., Stanford University, 1941. (On leave to December 1, 1945.) (1928)

JAMES GLENN ROSS, Ph.D. . . . . *Acting Dean of Men*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (Acting Dean of Men to November 30, 1945.) (1934)

ELIZABETH K. LAWSON, Ph.D. . . . . *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS . . . . *Registrar* (1922)

RAYMOND ROSCO GREGG, A.M. . . . . *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933 and 1934. (1934)

HARRY LOUIS METTER, Ph.D. . . . . *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Principal Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

ARTHUR U. EDWARDS, Ph.D. . . . . *Principal Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

BRYAN HEISE, Ph.D. *Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

RUDOLPH D. ANFINSON, Ph.D. . . . . . *Director of Veterans Services*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

MARY ELLEN THOMPSON, R.N. . . . . *College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

ALICE NELLIE COTTER, A.B. . . . . *Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

MILDRED RUTH WHITING, Ph.D.* . . . . *Professor*
B.F.A., 1928, A.M., 1933, Ph.D., University of Nebraska, 1938. (1936)

ALICE MCKINNEY, A.M. . . . . *Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (On leave.) (1928)

CALVIN COUNTRYMAN, A.M. . . . . *Instructor*
Ph.B., The University of Chicago, 1934; A.M., Colorado State College of Education, 1941. (1945)

BIOLOGICAL SCIENCE

Botany

ERNEST LINCOLN STOVER, Ph.D.* . . . . *Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. Resident Doctor, University of Washington Biological Station, summer, 1926; University of Michigan Biological Station, summer, 1932; Cornell University, summer, 1936; University of Wyoming Science Camp, summer, 1940. (1923)

HIRAM FREDERICK THUT, Ph.D. . . . . *Associate Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. Resident Doctor, Iowa State College, summer, 1939; Cornell University, summer, 1941. (1932)

Zoology

CHARLES STOCKMAN SPOONER, Ph.D.* . . . . *Professor*
A.B., Cornell University, 1907; A.M., 1918, Ph.D., University of Illinois, 1936. (1919)

WALTER MERRITT SCRUGGS, Ph.D . . . . *Associate Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (On leave for military service.) (1929)

Hygiene

HAROLD MAXON CAVINS, Ed.D . . . . *Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Ed.D., Stanford University, 1941. (On leave to December 1, 1945.) (1928)

RICHARD THOMAS HARTLEY, Ph.D . . . . *Associate Professor*
A.B., Peru State Teachers College, 1927; M.S., 1930, Ph.D., State University of Iowa, 1943. (Substitute associate professor.) (1944)

COMMERCE

JAMES MICHAEL THOMPSON, Ed.D.* . . . . *Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (On leave for service in U. S. Naval Reserve.) (1937)

EARL SAMUEL DICKERSON, Ed.D.** . . . . *Associate Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

STANLEY CLAY ROBINSON, A.M . . . . *Assistant Professor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave for service in U. S. Naval Reserve.) (1939)

JESSIE MARTHA HUNTER, A.M . . . . *Assistant Professor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922; Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

KATHERINE SWITZER HUMPHREY, M.A . . . . *Instructor*
B.S.C., 1932, M.A., University of Iowa, 1942; Graduate study, State University of Iowa, summer, 1944. (Substitute instructor.) (1942)

EDUCATION

EMMA REINHARDT, Ph.D.* . . . . *Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M. 1925, Ph.D., University of Illinois, 1927. (1927)

HARRY LOUIS METTER, Ph.D . . . . *Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Associate Professo*

A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time Study, University of Illinois, 1937-38. (1934)

BRYAN HEISE, Ph.D. . . . . *Associate Professor*

A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D. . . . . *Associate Professor*

B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D. . . . . *Associate Professor*

A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Associate Professor*

A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ELIZABETH K. LAWSON, Ph.D. . . . . *Associate Professor*

A.B., 1927; M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

ENGLISH

HOWARD DEFOREST WIDGER, Ph.D.* . . . . *Professor*

A.B., Yale University, 1910; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

EUGENE M. WAFFLE, Ph.D. . . . . *Associate Professor*

A.B., Indiana State Teachers College, 1925; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (On leave for military service to December 3, 1945. (1926)

ROBERT ARMAND SHILEY, Ph.D. . . . . *Associate Professor*

A.B., 1925, A.M., State University of Iowa, 1926; Ph.D., Yale University, 1939. (On leave for service in U. S. Naval Reserve.) (1931)

GLADYS WINIFRED EKEBERG, Ph.D. . . . . *Associate Professor*

B.S., 1927, M.A., Northwestern University, 1930; Ph.D., University of Wisconsin, 1942. (1945)

FRANCIS W. PALMER, Ph.D. . . . . *Associate Professor*

B.A., 1934, M.A., 1936, Ph.D., State University of Iowa, 1939. (1945)

MARIAN HESSE GALLAWAY, Ph.D. . . . . *Associate Professor*

B.A., 1925, M.A., University of Michigan, 1930; Ph.D., State University of Iowa, 1941. (Substitute associate professor.) (1944)

WINNIE DAVIS NEELY, M.A. . . . . *Assistant Professor*

Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

FOREIGN LANGUAGE

KEVIN GUINAGH, Ph.D.* . . . . *Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. (1931)

ELLEN ELIZABETH MICHAEL, A.M . . . . *Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Institut de Phonetique, Paris, summer, 1936; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

RUTH CARMAN, A.M . . . . *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

GEOGRAPHY

NORMAN CARLS, Ph.D.* . . . . *Professor*
B.Ed., Illinois State Normal University, 1932; A. M., 1934, Ph.D., Clark University, 1935; Extension study, University of Illinois, 1940-41. (On leave for service in U. S. Naval Reserve.) (1940)

RUBY MILDRED HARRIS, S.M.** . . . . *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (On leave December 3, 1945.) (1923)

ROSE ZELLER, Ph.D.** . . . . *Associate Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (Acting head from December 3, 1945.) (1930)

DONALD KELLER, A.M . . . . *Assistant Professor*
B.S., Indiana State Teachers College, 1925; A.M., Clark University, 1926; Graduate study, The University of Chicago, 1934-35. (Substitute assistant professor.) (1945)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.* . . . . *Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, D.Ed . . . . *Associate Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; D.Ed., Pennsylvania State College, 1944. (1937)

Helen Louise Devinney, A.M. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940. (1943)

INDUSTRIAL ARTS

Walter Allen Klehm, Ed.D.* . . . . *Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929 Ed.D., University of Missouri, 1936. (1938)

Wayne P. Hughes, Ed.D. . . . . *Associate Professor*
Diploma, 1923, B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Ed.D., New York University, 1942. (On leave.) (1923)

Russell Henry Landis, Ed.D. . . . . *Associate Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Ed.D. Pennsylvania State College, 1940. (On leave.) (1930)

Norbert Henry Koch, M.S. . . . . *Instructor*
B.Ed., State Teachers College, Platteville, Wisconsin, 1937; M.S. University of Tennessee, 1940. (Substitute instructor.) (1945)

LIBRARY

Roscoe Frederick Schaupp, Ph.D.* . . . . . *Professor and Librarian*
A.B., University of Nebraska, 1926; M.A., 1929, Ph.D., Ohio State University, 1934; A.B.L.S., University of Michigan, 1939. (1945)

Esther Duggleby, M.A. . . . . *Instructor*
A.B., University of Denver, 1926; B.S. in L.S., 1931, M.A., University of Illinois, 1938. (Resigned September, 1945.) (1935)

Alma Dejordy, M.S. in L.S. . . . . *Assistant Professor*
B.A., University of Arkansas, 1940; B.S. in L.S., 1941, M.S. in L.S. University of Illinois, 1943; Graduate study, University of Missouri 1943-46. (1946)

Harriet Love, M S . . . . *Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

Lee Anna Jewell Smock, A.M. . . . . *Instructor*
B.A. Bethany College, 1925; B.S. in L.S., University of Illinois, 1942 A.M., University of Kansas, 1931. (1944)

Margaret Lorena Ekstrand, B.S. in L.S. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., George Peabody College for Teachers, 1942. (1942)

Alice Elizabeth Braheny, B.S. in L.S. . . . . *Instructor*
A.B., Saint Mary-of-the-Woods College, 1933; B.S. in L.S., University of Illinois, 1941. (Resigned January 19, 1946.) (1944)

Ila Mae Taylor, B.S. in L.S. . . . . *Instructor*
and High School Librarian
A.B., Berea College, 1936; B.S. in L.S., George Peabody College 1941; Graduate study, George Peabody College, summer, 1945 (1946)

MATHEMATICS

HOBART FRANKLIN HELLER, Ph.D.** .... *Professor*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

RUTH HOSTETLER, A.M .... *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

MUSIC

LEO J. DVORAK, Ph.D.* .... *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (On leave for military service to March 11, 1946.) (1940)

RUDOLPH D. ANFINSON, Ph.D .... *Associate Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

DONALD E. JOHNSON, A.M.** .... *Assistant Professor*
B.S. in Ed., State Teachers College, Maryville, Missouri, 1933; A.M., Teachers College, Columbia University, 1938; Graduate study, Teachers College, Columbia University, years 1938-40. (Acting head to March 8, 1946.) (1940)

ETHEL IRENE HANSON, A.M .... *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B. M., 1924, A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

ROBERT AUSTIN WARNER, M.A .... *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (On leave for military service to February 11, 1946.) (1938)

MARGET IRENE JOHNSON, M.M .... *Instructor*
B.M., 1938, M.M., Northwestern University, 1939. Graduate study, Barrington School (Casadesus), Great Barrington, Massachusetts, summer, 1945. (1939)

FRANCES HANKS, M.A .... *Instructor*
B.S., 1943, M.A., Teachers College, Columbia University, 1944. (Substitute instructor.) (Resigned February 28, 1946.) (1945)

PHYSICAL EDUCATION

Men

CHARLES P. LANTZ, Pd.D.* .... *Professor*
B.S., Gettysburg College, 1908; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S .... *Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, University of Illinois, 1937-38; Graduate study, University of Southern California, summers, 1937, 1939 and 1941. (On leave.) (1932)

Gilbert Carson, A.M. . . . . *Assistant Professor*
Diploma, Southern Illinois State Normal University, 1921; B.Ed., Southern Illinois State Normal University, 1931; A.M., State University of Iowa, 1935; Graduate study, State University of Iowa, summer, 1940. (On leave for military service.) (1936)

James Frederick Goff, B.Ed. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1935. Graduate study, Indiana University, summer, 1945. (Substitute instructor.) (1944)

Rex Virgil Darling, B.Ed. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1939. (Substitute instructor.) (October 8, 1945.)

Women

Florence McAfee, Ed.D.* . . . . *Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Ed.D., New York University, 1940. (1924)

Edith Crawford Haight, Ph.D. . . . . *Associate Professor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Ph.D., New York University, 1944. (1938)

Corinne Almyra Crogen, M.S. . . . . *Assistant Professor*
B.Ed., State Teachers College, LaCrosse, Wisconsin, 1936; M.S., Wellesley College, 1939. (Resigned November 2, 1945.) (1943)

Janet Marjorie Hanson, A.M. . . . . *Instructor*
B.Ed., Teachers College, Duluth, Minnesota, 1934; B.S., University of Minnesota, 1936; A.M., Teachers College, Columbia University, 1941. (1946)

Maldean McLaughlin, A.M. . . . . *Instructor*
B.S., University of Iowa, 1929; A.M., Teachers College, Columbia University, 1942. (Resigned January 31, 1946.) (1946)

Winifred H. Bally, M.A. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1933; M.A., New York University, 1937. (1946)

PHYSICAL SCIENCE

Chemistry

Harris Eugene Phipps, Ph.D.* . . . . *Professor*
A.B., 1926, A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

Lawson Francis Marcy, Ph.D. . . . . *Associate Professor*
A.B., Evansville College, 1924; M.A., Columbia University, 1926; Ph.D., Ohio State University, 1943. (1944)

Physics

Ora Lee Railsback, Ph.D.* . . . . *Professor*
A.B., 1923, A.M., 1924, Ph.D., Indiana University, 1937. (1924)

SOCIAL SCIENCE

CHARLES HUBERT COLEMAN, Ph.D.* ....*Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (On leave to December 3, 1945.) (1926)

GLENN HURON SEYMOUR, Ph.D.** ....*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Post-graduate study, University of Wisconsin, summer, 1939. (Acting head to December 3, 1945.) (1929)

DONALD RHODES ALTER, Ph.D..............*Associate Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Post-graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D..............*Associate Professor*
A.B., Illinois Wesleyan University, 1927; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.* ....*Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A..............*Assistant Professor*
B.A., University of Illinois, 1933; M.A., Northwestern University, 1935; Graduate study, University of Michigan, summer, 1937; University of London, summer, 1939; Northwestern University, summers, 1938 and 1940; University of Mexico, summer, 1941. (On leave for service in WAVES.) (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D.* ....*Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D.........................*Principal of Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M. *Assistant Professor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M......................*Assistant Professor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., 1924, S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; University of Southern California, summer, 1941. (1920)

ELSIE JULIAETTA HAMPTON, M.A. *Instructor and Sixth Grade Critic*

B.A., 1933, M.A., University of Texas, 1939. (Substitute instructor.) (1945)

WILLIE LOUISE STEVENS, A.M. . . . . *Assistant Professor and Fifth Grade Critic*

B.S., 1928, A.M., George Peabody College for Teachers, 1932; Graduate study, George Peabody College for Teachers, 1939-42. (Substitute assistant professor.) (1945)

BERNICE I. BANKSON, A.M. . . . . *Instructor and Fifth Grade Critic*

Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938; Northwestern University, summer, 1941. (On leave. Died December 23, 1945.) (1933)

MYRTLE ARNOLD, A.M. . . . . . . *Instructor and Fourth Grade Critic*

Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939. (On leave.) (1930)

NINA M. CRAWFORD, M.Ed. . . . *Instructor and Fourth Grade Critic*

B.S., 1937, M.Ed., Pennsylvania State College, 1940. (Substitute instructor.) (1945)

NANNILEE SAUNDERS, A.M. . . . . *Assistant Professor and Third Grade Critic*

B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)

VERONICA MARIE BECKER, M.A. *Instructor and Second Grade Critic*

B.S. in Ed., State Teachers College, California, Pa., 1941; M.A., State University of Iowa, 1942. (1944)

ELLEN NUDD, M.S. . . . . *Instructor and First Grade Critic*

B.Ed., Northern Illinois State Teachers College, 1940; M.S., University of Illinois, 1941. (1944)

ETHEL IRENE HANSON, A.M. . . . . *Assistant Professor in Music*

Diploma, Milwaukee State Teachers College, 1916; B.M., 1924, A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

VIRGINIA OCTAVIA WHEELER, A.M. . . . *Assistant Professor in Art*

B.S., in Ed., 1929, A.M., University of Missouri, 1931; Graduate study, University of Missouri, 1940-42. (1944)

JESSIE MARTHA HUNTER, A.M. *Assistant Professor in Penmanship*

Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

ALINE RUTH ELLIOTT, M.A. . . . . . *Instructor in Physical Education*

B.S. in Ed., Kansas State Teachers College, 1927; M.A., State University of Iowa, 1940. (1944)

ROBERT BATES THRALL, M.S. . . . . *Instructor in Manual Arts*
B.Ed., Eastern Illinois State Teachers College, 1932; M.S., University of Illinois, 1938. (Substitute part-time instructor.) (November 1, 1945.)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Principal of Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

DONALD RHODES ALTER, Ph.D. *Associate Professor in Social Science*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Post-graduate study, Harvard University, summer, 1938. (1934)

WILLIAM W. ARBUCKLE, M.A. . . . . *Instructor in Music*
B.P.S.M., 1932, M.A., Indiana University, 1934; Graduate study, Odeon Conservatory, Munich, 1934-35. (Substitute instructor.) (Resigned January 31, 1946.) (1945)

ALLEN PERDUE BRITTON, A.M. . . . . *Instructor in Music*
B.S. in Music Education, 1937, A.M., University of Illinois, 1939; Part-time graduate study, Indiana University, 1940-41. (On leave for military service.) (1941)

ELIZABETH BUELL, A.M. . . . . *Instructor in Biological Science*
B.Ed., Southern Illinois State Normal University, 1939; A.M., Oberlin College, 1943. (Substitute instructor.) (1945)

RUTH CARMAN, A.M. . . . . *Assistant Professor in Latin*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

HELEN LOUISE DEVINNEY, A.M. . . . . *Instructor in Homemaking*
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940. (1943)

LENA BOYD ELLINGTON, A.M. *Assistant Professor in Social Science*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

EWELL WELDON FOWLER, M.S. . . . . *Assistant Professor in Industrial Arts*
B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; Graduate study, University of Missouri, summers, 1939, 1940, 1941. (On leave for military service to October 26, 1945.) (1941)

JANET MARJORIE HANSON, A.M. . . . . *Instructor*
B.Ed., Teachers College, Duluth, Minnesota, 1934; B.S., University of Minnesota, 1936; A.M., Teachers College, Columbia University, 1941. (1946)

RUBY MILDRED HARRIS, S.M. . . . *Associate Professor in Geography*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (On leave December 3, 1945.) (1923)

GERTRUDE HENDRIX, M.S., A.M. *Assistant Professor in Mathematics*
A.B., DePauw University, 1926, M.S. (Education), 1930, A.M. (Mathematics), University of Illinois, 1935. (On leave to March 11, 1946.) (1930)

ARNOLD JOHN HOFFMAN, M.S. *Instructor in Chemistry and Physics*
B.S., Eureka College, 1930; M.S., University of Illinois, 1932. (1945)

RUTH HOSTETLER, A.M. . . . . . . *Assistant Professor in Mathematics*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

WILLIAM PETERS LATHAM, M.M. . . . . *Instructor in Music*
B.S., University of Cincinnati, 1938; B.M., M.M., College of Music of Cincinnati, 1941. (Substitute instructor.) (1946)

DOROTHY MAYNARD LEE, M.A. . . . . *Instructor in English*
B.Ed., Illinois State Normal University, 1932; M.A., University of Illinois, 1940. (1945)

ICA MARKS, M.S. . . . . *Assistant Professor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (On leave.) (1932)

ELLEN ELIZABETH MICHAEL, A.M. . *Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Institut de Phonetique, Paris, summer, 1936; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (1930)

WINNIE DAVIS NEELY, M.A. . . . . . . *Assistant Professor in English*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

EDNA GLADYS RICE, A.M. . . . . *Instructor in Mathematics*
A.S., Port Huron Jr. College, 1940; B.S., Michigan State Normal, 1942; A.M., The University of Chicago, 1944; Graduate study, The University of Chicago, summer, 1945. (Substitute instructor.) (1945)

ROBERTA LEE POOS, A.M. . . . . *Instructor in English and Speech*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (On leave, Fall Quarter, 1945.) (1935)

MARVIN FRANK SMITH, M.A. . . . . *Assistant Professor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940; University of Illinois, summer, 1944. (1940)

ILA MAE TAYLOR, B.S. in L.S. *Instructor and High School Librarian*
A.B., Berea College, 1936; B.S. in L.S., George Peabody College, 1941; Graduate study, George Peabody College, summer, 1945. (1946)

PARIS JOHN VAN HORN, M.S. . . . . *Assistant Professor in Physical Education and Athletic Coach*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 1938, 1940, and second semester, 1941-42. (1935)

VIRGINIA OCTAVIA WHEELER, A.M. . . . *Assistant Professor in Art*
B.S. in Ed., 1929, A.M., University of Missouri, 1931; Graduate study, University of Missouri, 1940-42. (1944)

AFFILIATED TRAINING SCHOOLS

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Director of Off-Campus Student Teaching*
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Columbia University, 1926. (1938)

Humboldt High School

KENNETH JONES FRASURE, Ed.M. . . . . *Superintendent, Humboldt Public Schools, History and Geography*
B.Ed., Southern Illinois State Normal University, 1937; M.A., 1940, Ed.M., University of Illinois, 1945. (1943)

WILLIAM ROBERT MAGUIRE, B.Ed. . . . . *Mathematics and Science*
B.Ed., Western Illinois State Teachers College, 1937, and summers, 1940, 1941; Graduate study, University of Illinois, extension, 1945. (1942)

ANNA MAY MARBLE, B.Ed. . . . . *Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1942; Graduate study, Colorado State Teachers College, summer, 1944. (1943)

MARY ELIZABETH POORMAN, B.A. . . . . *English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

ELEANOR JEANNE CRESS TINGLEY, B.Ed. . . . . *Commerce*
B.Ed., Eastern Illinois State Teachers College, 1943. (1945)

Humboldt Elementary School

E. ELIZABETH FRASURE, M.A. . . . . *Grades 7-8*
B.S., South Eastern Missouri State Teachers College, 1935; M.A., University of Colorado, 1940; Graduate study, University of Colorado, summer, 1941. (1943)

EDITH ROSALIE SMITH, B.S in Ed. . . . . *Grades 4-5-6*
B.S. in Ed., Eastern Illinois State Teachers College, 1944. (1944)

JESSIE PEARL STANHOPE, B.S. in Ed. . . . . *Grades 1-2-3*
B.S. in Ed., Eastern Illinois State Teachers College, 1944. (1944)

Kansas High School

JOHN CURTIN ROBERTS, M.A. . . . . *Superintendent of Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940; University of Illinois, extension, 1941, 1945, summers, 1941, 1944, 1945. (1940)

ELMA CATHERINE JOHNSON, M.S. . . . . *Home Economics*
B.S., 1937, M.S., University of Illinois, 1942. (1945)

HELEN ELIZABETH SMITH, B.Ed. . . . . *Commerce*
B.Ed., Eastern Illinois State Teachers College, 1941. (1945)

EXTENSION

BRYAN HEISE, Ph.D. . . . . *Director of Extension, Education*
CHARLES HUBERT COLEMAN, Ph.D. . . . . *Social Science*
EDITH CRAWFORD HAIGHT, Ph.D. . . . . *Physical Education*
RUBY MILDRED HARRIS, S.M. . . . . *Geography*
RICHARD THOMAS HARTLEY, Ph.D. . . . . *Biological Science*
DONALD KELLER, A.M. . . . . *Geography*
ELIZABETH K. LAWSON, Ph.D. . . . . *Education*
LAWSON FRANCIS MARCY, Ph.D. . . . . *Chemistry*
HANS CHRISTIAN OLSEN, Ph.D. . . . . *Education*
GLENN HURON SEYMOUR, Ph.D. . . . . *Social Science*
ERNEST LINCOLN STOVER, Ph.D. . . . . *Botany*
HIRAM FREDERICK THUT, Ph.D. . . . . *Botany*
WILLIAM GERBING WOOD, Ph.D. . . . . *Social Science*
WILLIAM H. ZEIGEL, Ph.D. . . . . *Education*

EMERITUS FACULTY

ELLEN A. FORD, A.M. . . . . *Dean Emeritus*
FISKE ALLEN, A.M. . . . . *Professor Emeritus*
SIMEON E. THOMAS, LL.D. . . . . *Professor Emeritus*
ANNIE LAURA WELLER, A.B., S.B. . . . . *Professor Emeritus*
EDSON H. TAYLOR, Ph.D. . . . . *Professor Emeritus*
MARY JOSEPHINE BOOTH, B.L.S. . . . . *Associate Professor and Librarian Emeritus*
ALBERT B. CROWE, A.M. . . . . *Associate Professor Emeritus*
ISABEL MCKINNEY, A.M. *Professor Emeritus*
EDITH E. RAGAN . . . . *Assistant Professor Emeritus*
GILBERTA COFFMAN . . . . *Instructor Emeritus*
ANNA HOLDEN MORSE . . . . *Instructor Emeritus*

I. GENERAL INFORMATION

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, and the prospective teacher is expected:

(1) To develop both scholarship in the subject matter of the chosen teaching fields and an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above accomplishments into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running west through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, and eastward to Paris and Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion.

A bus line connects Charleston with Mattoon, Decatur, and Springfield to the west, and with Paris, Terre Haute, and Indianapolis to the east.

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen in 1898 to be the first president of the institution, died before he could assume his office. Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school.

During the summers from 1901 to 1919, a six weeks session was offered for teachers. From 1920 to 1932, the College offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 and in 1944 and 1945 an eight weeks summer term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. In 1943 an eleven weeks summer term was offered, divided into two half terms—the first term of six weeks and the second term of five weeks. A mid-spring session of six weeks was offered from 1922 to 1929. In 1944 and 1945 summer sessions of eight weeks were resumed with certain courses available during the first six weeks of the term.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920. Beginning with the class of 1944 the degree was changed to Bachelor of Science in Education (B.S. in Ed.).

BUILDINGS AND GROUNDS

Grounds. The grounds comprise forty acres including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoological studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of $21,600 made by the General

Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house was used as a co-operative dormitory by a group of men students until it burned in the spring of 1942.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The General Assembly of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The General Assembly of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The General Assembly of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts or home economics.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing, and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and improvements at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. Approximately 65,000 volumes and 400 current periodicals are available in the college library for the use of students and members of the faculty. All books and magazines are fully catalogued. In addition, the library maintains extensive pamphlet and picture collections. Service is provided by six professional librarians and a staff of about twenty-five student assistants. An orientation course in the use of the library is given by the professional members of the staff and is required in all curricula. The library is open throughout the day, and in the evening from 6:30 to 9:00.

Separate high school and elementary school libraries are operated as part of the college library system. Full-time trained librarians are in charge of these collections, which contain approximately 7,000 books and 50 current periodicals.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory and classroom facilities for college classes in botany chemistry, geography, geology, hygiene, mathematics, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois. The College is also an institutional member of the American Council on Education.

EXPENSES

Tuition is free to legal residents of Illinois who are pursuing a regular curriculum. Tuition of $15.00 a quarter in addition to all fees described below is required of others.

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see p. 29)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. Laboratory fees may be charged students taking certain courses to cover supplies and breakage. The amount of the fee is stated in the course description.

A fee of $7.50 is charged for each applied music course taken by a student whose major and minors are in fields others than music.

A towel deposit of seventy-five cents is required of each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

A locker deposit of $1.00 is required for each locker issued. This fee is returned to the student when the padlock is returned.

Candidates for graduation must make application for graduation at the Registrar's Office and pay the $5.00 graduation fee by April 1. This fee covers all graduation expenses, including use of cap and gown.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; a charge of $1.00 is made for additional copies of this transcript sent later.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The College operates a rental library which provides textbooks at unusually low cost. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged by other than ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of 50 cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of 50 cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for $2.50 to $3.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable quarterly in advance. For table board, $90.00 a quarter is charged, payable monthly in advance ($30.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $7.50 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Housing Bureau. The College maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected, and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

Students are required to live in approved houses except when special permission to room elsewhere has been secured from the Dean of Men or the Dean of Women. The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the College.

A trailer camp is operated by the College for married veterans who wish to bring their families to Charleston. Students who are interested should write to Dr. R. D. Anfinson, Director of Veterans Services.

FINANCIAL AID TO VETERANS

The College is cooperating with the Veterans Administration in the programs for the education and rehabilitation of veterans under Public Law 346 (the G. I. Bill) and Public Law 16 (Veterans Rehabilitation).

Any man or woman, discharged or released under conditions other than dishonorable, who has served ninety days or more in active military or naval service since September 16, 1940, exclusive of time spent in the service academies or special college training programs of the Army or Navy, who desires a retraining or refresher course, is eligible for educational benefits under Public Law 346, and veterans with service-incurred disabilities may be entitled to educational benefits under Public Law 16.

Under Public Law 346, eligible veterans are entitled to one year of education which, upon satisfactory completion, may be extended to equal the veteran's length of service (exclusive of ninety days and of special service courses) but not to exceed a total of four years, with subsistence allowances of $65 a month ($90 a month for veterans with dependents) and the payment of all tuition, laboratory, library and health fees, books, supplies, etc., not to exceed $500 for a school year. There are varying benefits under Public Law 16, determined in each case by the Veterans Administration.

Veterans who wish to enter Eastern under Public Law 346 should make application through Dr. R. D. Anfinson, Director of Veterans Services at the College. Admission to the College need not wait for final approval of the application by the Veterans Administration.

Veterans who wish to enter Eastern under Public Law 16 must make application to the regional office of the Veterans Administration. The Director of Veterans Services is prepared to assist in making such application. Application for benefits under Public Law 16 should be made as far as possible in advance of the date of entrance.

SCHOLARSHIPS

Military Scholarships. Any person entering war-time military service from Illinois and receiving an honorable discharge is eligible to a Teachers College Military Scholarship good for four years of training at any of the five teacher-training institutions. This scholarship covers the fees (registration, book rent, and student activity fee) due at the beginning of each quarter or term. The veteran pays only laboratory fees and fees for supplies and materials, unless he is entitled to them under the G. I. Bill of Rights. This scholarship may be secured by presenting a certified copy of an honorable discharge to the Director of Veterans Services.

Teachers College Scholarships. These scholarships were first authorized by an act of the General Assembly in 1935, which was amended in 1945 as follows: The principal of each recognized four-year public and parochial high school shall certify to the county superintendent of schools of the county in which the high school is located the names and addresses of all students who ranked scholastically in the upper quarter of their graduating class and who graduated from such school during the last preceding calendar year in the order of their scholastic rank at the time of graduation. The student must signify his intention to prepare to teach in the public schools of Illinois. The county superintendent shall then certify the names of these students to the Superintendent of Public Instruction who shall issue to each student a scholarship which shall be accepted by any state normal university or teachers college if the student meets the admission requirements of the college.

The holder of a Teachers College Scholarship must make application for enrollment in the College by August 15. The scholarship is forfeited if the holder is not enrolled within ten days after the opening of the quarter. The student must present the scholarship to the Registrar on registration day, and pay his fees at that time. He will be reimbursed by the State at the close of the term or quarter for the expenditure made for registration fee, book rental, and student activity fee. Reimbursement may not exceed $80 for one college fiscal year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50. The scholarship must be presented on registration day.

University of Illinois Graduate Scholarship. The University of Illinois offers a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred fifty dollars. The student nominated by the faculty for 1945-46 was Willa Frances Lane, a major in Commerce.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1945-46 was made to Luella Day.

Pi Omega Pi Scholarship. In order to further interest in scholarship, the Alpha Chi Chapter of Pi Omega Pi awards annually ten dollars ($10.00) to the freshman Commerce major who at the end of the winter quarter has attained the highest general scholastic average. In order to qualify for the award, the student shall also have attained at least an average of B (2.0) in commerce and hold active membership in the Commerce Club.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 has been amended to read as follows:

Section 1. It is the duty of the Department of Registration and Education to provide, insofar as moneys are appropriated to it for such purposes, for matriculation and tuition fees, board, room rent, books and supplies for the use and benefit of children, not under sixteen and not over twenty-two years of age, who have for twelve months prior to their application for these benefits had their domicile in the State of Illinois, of World War 1 veterans who were killed in action or who died between April 6, 1917, and July 2, 1921, and of World War II veterans who were killed in action or died after December 6, 1941 and before the cessation of hostilities of such war, as a result of service in the Army, Navy, or Marine Corps of the United States, or from other causes in World War I or World War II; which orphans are attending or may attend a state educational institution of a secondary or college grade, a business college or any high school, vocational training school or other educational institution in this State where courses of instruction are provided in subjects which would tend to enable such orphans to engage in any useful trade, occupation or profession. Said children shall be admitted to state institutions of secondary or college grade free of tuition. **Provided, however,** that not more than one hundred fifty dollars ($150.00) shall be paid for any one child for any one school year.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the junior or senior year to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

In 1934 there was left to the college by the will of the late John L. Whisnand, of Charleston, upon the death of his widow, a portion of his estate as an endowment, the income from the endowment to be available for financial assistance to deserving students. The amount in trust with The Charleston National Bank as trustee is $5,765.91.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, organizing ability and teamwork on the part of prospective teachers, the administration encourages all students to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. There is a Student Council consisting of a president and sixteen members apportioned as follows: one representative from each of the following organizations—Sigma Tau Gamma Fraternity, Phi Sigma Epsilon Fraternity, Sigma Sigma Sigma Sorority, Delta Sigma Epsilon

Sorority; two representatives from Pemberton Hall; president of the Men's Union; president of the Women's League; three class presidents; Freshmen leader; two men elected from the student body at large and two women elected from the student body at large.

Extra-curricular activities and the Student Health Service are financed by a Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Eastern Teachers News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board. The major activities are in turn governed by boards composed of faculty and students, with student representation in majority. The boards for 1945-46 with their chairmen are as follows:

BOARD	CHAIRMAN
Apportionment	Earl S. Dickerson
Athletics and Sports	Charles P. Lantz
Entertainment	Glenn H. Seymour
Forensics and Dramatics	J. Glenn Ross
Health and Hospitalization	Mary E. Thompson
Music Activities	Donald E. Johnson
Social Activities	Elizabeth K. Lawson
Student Publications	Kevin J. Guinagh

Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the College to the State Teachers College Board.

HEALTH SERVICE

The College Health Service maintains offices and examination rooms in the Health Education Building. This service supervises the annual physical examination and general health condition of students as recommended by the American Association of Teachers Colleges. Students are afforded seven days of free care in a ward of the local hospital upon recommendation of the Health Service.

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English, or by written application to the Board of Student Publications. For the last fifteen years *The Eastern Teachers News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937-1945 the high position of medalist was

achieved in the Columbia rating as well as All-Columbian, 1936-1945, and All-American in the University of Minnesota competition, 1945. *The Eastern Teachers News* is a member of the National Scholastic, the Columbia University, and the Illinois College press associations.

The college yearbook, *The Warbler,* is issued annually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, 1940, 1941, and 1943 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to *The Warbler* of 1938, 1939, and 1943.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the College. Social functions are scheduled on the social calendar after approval of the committee. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members of the Social Activities Board. The general social life of the College is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women.

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. It is governed by a Council of Nine, elected by the membership at large and representing each of the four classes.

ATHLETIC ACTIVITIES

The College is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. A well-organized program of intra-mural games for men is carried out.

Varsity Club. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

Women's Athletic Association. The purpose of this association is to advance the standards of sportsmanship and promote athletics. It is organized into clubs, such as hockey, soccer, badminton, bowling, basketball, baseball, archery, golf, tennis, social dancing, and the modern dance. Any woman is eligible for club membership and a W. A. A. letter is awarded to those who receive credit in eight clubs. The organization sponsors co-educational recreation activities, "Sports Days" with other colleges of the state, and a spring dance recital.

SPEECH ACTIVITIES

Dramatics. The dramatics organization is known as "The Players." Its leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The auditorium in the Health Education Building has a large stage with modern equipment.

Forensics. Eastern's intercollegiate forensic affiliations include Pi Kappa Delta, a national honorary society, the Illinois Intercollegiate Debate League, and the Illinois Intercollegiate Oratorical Association.

In 1945-46 Eastern was host to eight visiting colleges in the ninth annual invitational debate tournament.

Off-campus student participation in forensic tournaments included invitational meets held at Illinois State Normal University and at Indiana State Teachers College, the Illinois Intercollegiate Debate Tournament at North Central College, the Illinois Intercollegiate Oratorical Contest at Eureka College, and the Pi Kappa Delta Province Tournament at Millikin University.

During the year student speakers had various opportunities to appear before community organizations to discuss postwar problems.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and an orchestra. The major choral organizations are the College Chorus and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for students to study and perform music.

The music organizations provide music for various programs throughout the year, uniting to present "The Messiah" at Christmas in alternate years. The College Chorus, the Cecilian Singers, the Band, the Orchestra, and selected ensembles annually present public concerts and represent the College in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Alpha Beta Gamma, a student branch of the National Association of Childhood Education, the purpose of which is to promote the education of young children. Students in the elementary education curriculum are eligible for membership.

Art Club, an organization of students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized to promote the professional growth, recreation, and general welfare of students in the Commerce department.

Country Life Club, a student organization interested in developing leadership in and through recreational and social activities such as community sings, folk dances, games, and dramatics. It aims also to develop mutual understanding and appreciation of rural and city communities through discussions, talks, and moving pictures.

Eastern State Club, a campus organization formed in 1937, with membership limited to thirty-five students. It directs its efforts toward promoting greater student, faculty, and alumni interest in college affairs. The organization may elect one faculty member to honorary membership each year. Honorary members are: President Robert G. Buzzard, Winnie Davis Neely, Elizabeth K. Lawson, and Hobart F. Heller.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, an organization for young women enrolled in home economics with its primary objective to further the professional and social life of its members.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of Industrial Arts Teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Education Club, a joint club for students, faculty, and others interested in music education. The activities of the organization are planned to promote professional interest in the field and to give a purposeful perspective to those planning to teach.

The Players, open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students of botany, zoology, physics, chemistry, and geography.

Sigma Delta, a local journalistic club formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is open to all students interested in journalism. Faculty and townspeople are welcome to attend meetings during which special speakers are presented.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, and discussion. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

NATIONAL HONORARY FRATERNITIES

Kappa Delta Pi. Beta Psi Chapter of Kappa Delta Pi, an international honor society in education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta. Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau. Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in industrial arts, was installed May 25, 1933. Membership is limited to students with high scholarship in industrial arts and with personal qualifications that promise success in teaching.

Kappa Mu Epsilon. Illinois Beta Chapter of Kappa Mu Epsilon, a national professional fraternity in mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close cooperation with the Mathematics Club.

Theta Alpha Phi. Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in dramatics. The purposes of the organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi. Chi Chapter of Kappa Pi, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Pi Kappa Delta. Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking. Degrees of distinction, honor and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi. Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon Rho Chapter of Gamma Theta Upsilon, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES AND SORORITIES

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929 to 1941 it existed as Fidelis, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life.

Sigma Sigma Sigma, Alpha Psi Chapter, a national teachers college sorority, was installed February 28, 1942, with the members of Alpha Tau Nu, a local sorority, initiated as charter members. There is a strong alumnae group in an effectively organized chapter. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

Delta Sigma Epsilon, Alpha Nu Chapter, a national teachers college sorority, was installed March 13, 1943, with the members of Chi Delta Gamma, a local sorority, initiated as charter members. The chapter has a sorority house occupied by the undergraduates and used as headquarters for the alumnae. It has a large, strong alumnae group and an active membership of about twenty-five. Members are chosen for their scholastic ability, leadership, and talent for living.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student organizations.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the President of the College must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president.
Editor of the *Warbler* or *News*.
Business Manager of the *Warbler* or *News*.
President of a fraternity or sorority.
Treasurer of a fraternity or sorority.
President of the Men's Union.
President of the Women's League.
President of the Student Council.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. A student who is on probation may participate in extra-curricular activities only with the permission of the Dean.

ALUMNI ASSOCIATIONS

The Alumni Association. The officers of the Alumni Association are: Mr. William Peters, '31, President, Charleston; Mr. Cletis Little, '31, Vice-President, Paris; Miss Antha Endsley, '38, Secretary and Treasurer, Charleston.

Executive Committee: Carrie Jordan Manuell, '12 (Mrs. Thomas Manuell), 228 Home Avenue, Decatur; Mr. Walter E. McAllister, '43, Vandalia; Miss Rebecca Jean Henderson, '44, Minier; Miss Mary A.

Bratton, '37, Mattoon; Mr. Leon Stewart, '41, Rantoul; Mr. Robert Frame, '43, Ottawa.

State Committee: Mr. Robert Wright, '38, Casey; Mr. William Peters, '31, Charleston; Mr. Arthur C. Forster, '23, Paris.

The Alumni organizations of the five state teachers colleges have joined to form an Alumni Council. Each institution is represented by the President of the College, the Alumni Association president, two representatives of the Alumni Association, and the college public relations officer.

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them to secure well-qualified teachers. It serves students and alumni by assisting them to secure positions.

The Bureau of Teacher Placement furnishes to prospective employers information needed in considering applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and references from faculty members and the home community.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the College.

The services of the bureau are free to students who have been enrolled in the College for at least one year. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

I. A limited elementary school certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.*

(B) Applicants who hold a bachelor's degree in elementary education with a minimum of sixteen semester hours in education including at least five semester hours in student teaching.

II. A limited kindergarten-primary certificate may be obtained as follows:

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*Students planning to take the state examination for certificate to teach in the elementary or rural schools at the end of two years of college work should consult outline on page 61, when they enroll.

(A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.

(B) Applicants who hold a bachelor's degree with at least sixty semester hours in a recognized kindergarten-primary training school with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching.

III. Graduation with the degree from a high-school curriculum gives a limited high-school certificate.

IV. If the student has taught successfully for four years he may also have a supervisory certificate.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

Note: For certification and graduation requirements relative to scholarship, see pp. 45 and 47.

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE						
	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. SCOPE OF VALIDITY:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching;	Teaching; supervision	Teaching; supervision kindergarten	Teaching	Teaching	Teaching Supervision
(c) Grades of school system	1–12	7–12	1–12	1–3	1–9	7–12	13–14
II. REQUIREMENTS FOR ISSUE ON CREDITS:							
(a) College semester hours	120	120	120[1]	120[2]	120	Prescribed by Board[6]	Master's[8]
(b) Semester hours in education	16	16[3]	16[3]	16[3]	16[3]	0	20
(c) Teaching experience	4 yr.	0	0	0	0		0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth	15 15 15 120[9]	Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:							
(a) College semester hours			60[5]	60[5]	60[5]		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—							
1. First renewal			75	75	75		
2. Second renewal			90	90	90		
3. Third renewal, etc.			120	120	120		
IV. CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:							
(a) Years of successful experience	Super. 4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life Kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.

[2] Including 60 semester hours in a recognized kindergarten-primary training school.

[3] Including 5 semester hours in practice teaching.

[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.

[5] Ten semester hours in education, of which five shall be in practice teaching.

[6] Must meet requirements of Examining Board.

[7] Two years of which shall have been in Illinois.

[8] Including major in field taught.

[9] Including 16 semester hours in education.

II. INSTRUCTION

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college proper and the Training Schools. Two public schools in nearby communities are Affiliated Training Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, and the Kansas Community High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each. In addition there is a summer term of eight weeks.

REGISTRATION

Orientation Program for New Students: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in Room 216 in the Science Building at nine o'clock on Monday morning, September 9, 1946. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any student who registers later than Tuesday is required to pay a late registration fee of one dollar.

Upper classmen who have pre-registered must complete their registration during the morning of September 9.

Classwork for all students starts at eight o'clock, Wednesday morning, September 11.

ADMISSION REQUIREMENTS

Admission to Freshman Class: Graduation from a recognized or accredited four-year high school admits to membership in the freshman class. A veteran of World War II may be admitted through the attaining of a satisfactory score in the General Educational Development Test of the United States Armed Forces Institute. Veterans who wish to take this test may obtain further information from the Director of Veterans' Services.

Probationary Freshman Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in the freshman year.

Transfer Students: Students transferring from other colleges must present high school and college credentials and are given advanced standing only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons are admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

College Credit for Military Service: Veterans who wish to apply for advanced standing for college courses or training courses taken while in military service should submit a record of courses taken to the Registrar. Evaluation of such courses is made in accordance with the recommendations contained in the handbook of the American Council on Education provided the courses taken can be considered as reasonable substitutes for work ordinarily accepted by the College for advanced standing.

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

Application for admission blanks and detailed information regarding transfer of credits may be obtained by writing to the Registrar.

A registration permit is mailed to each prospective student when his application for admission and his record have been checked and filed.

GRADUATION

Degree. The degree of Bachelor of Science in Education (B.S. in Ed.) is conferred upon successful completion, subject to the rules given below, of the requirements of any of the four-year curricula described in this bulletin.

Each curriculum prescribes one hundred ninety-two quarter hours of regular courses, together with one quarter hour in library use (Library 120) and required courses in physical education. Two of the curricula, Commerce and Elementary Education, require, in addition, a one quarter hour course in penmanship (Commerce 120).

Prior to September, 1943, students were required to take physical education during the six quarters of their first two years of residence, and to present for graduation, therefore, six quarter hours in physical education. Beginning with the fall quarter of 1943 all students are required to take physical education during every quarter of residence. The number of quarter hours of physical education required for graduation is thereby modified to equal the total number of quarters in which the student was, or should have been, registered for the work during his total period of residence.

Credit earned in dramatics or in musical organizations is in excess of the total required for graduation, except for "ensemble" credit given to students with a major or a minor in music.

Correspondence courses taken through accredited colleges or extension courses taken either through this institution or other accredited colleges are accepted toward a degree provided such courses are in harmony with curriculum requirements and provided the total does not exceed forty-eight quarter hours.

Credit earned in residence in other accredited colleges is accepted toward a degree provided it is in harmony with curriculum requirements and provided that no senior whose grade point average is less than 1.0 may transfer such work for credit.

A year of residence work (Senior College credit) is required for the degree.

One-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This is a standard of the American Association of Teachers Colleges.

Scholarship requirements for graduation are given in the next section.

The University of Illinois admits to full graduate standing graduates of the Teachers College who present twenty semester hours (thirty quarter hours) of content courses in one major academic subject other than education.

Registration with the Bureau of Teacher Placement is a graduation requirement.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

Diploma. The junior college diploma is awarded upon successful completion of any two-year curriculum outlined in this bulletin, with a grade point average of 1.0 or higher, and with three-fourths of the grades C or above. At least one year of residence work is required for the diploma.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each senior in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. **No names will be added to the list of candidates for graduation after April 1.** A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

Special Requirements for Degree or Diploma. A graduation fee of $5.00 is due and payable by April 1 from all candidates for graduation. This fee covers all graduation expenses, including use of cap and gown.

A photograph, size not larger than 1½" x 2½", is required of each candidate for graduation for the files of the Registrar's Office.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work[2]	0 grade point
W, Withdrew[3]	0 grade point
F, Failure	—1 grade point

I. **Graduation Honors.** These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year and the sophomore year in the case of Junior College diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his academic courses and B average in the remainder.

Graduation with honors requires a grade of A in one-half of the student's academic courses; B or higher in one-fourth of his academic courses; and C average in the remainder.

Graduation honors are noted on the diploma and announced at Commencement.

II. **Scholarship Honors.** Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. **Admission to Student Teaching.** 1. For registration for student teaching in any quarter in any curriculum a student must have a C (1.0) average or higher.

2. Students transferring from other colleges must be in attendance at least one summer term or one quarter during which they earn sixteen quarter hours of credit. They must have a C average, or higher, for all their work and meet all the other requirements that apply to eligibility for student teaching.

3. Students who meet all the requirements may be admitted to student teaching in the sophomore or junior year with permission of the Dean and the Director of Teacher Training.

4. No student may be admitted to student teaching until he has achieved full sophomore standing and has completed at least eight quarters hours in education, Library 120, and Commerce 120.

5. No junior or senior is eligible to take student teaching until he has completed Library 120. Students in a four-year elementary or

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[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

[3] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time **without the written permission of the Dean of the College** entails a grade of F (Failure).

commerce curriculum must also have completed Commerce 120 before being eligible for student teaching.

IV. **Certification and Graduation Requirements.** C average (1.0) is required for graduation and for recommendation for certification. Not more than one-fourth of the student's grades may be D.

An average of C in the major subject is also required for graduation.

V. **Extra Work.** No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking student teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. **Probation.**

Regular School Year.

A student is considered to be on probation during a quarter if in the preceding quarter he received in regular four quarter hour courses any of the following:*

1. A total of less than two grade points.
2. Three grades of D.
3. A grade of F in one course and lower than C average in the remaining courses.
4. Grades of F in two courses.

A student who is on probation is reported as on probation here if he has his record sent to another college. Students on probation are not permitted to take more than three courses each quarter.

Summer Term. Students who fail in one course and have less than C average in the remaining courses or who receive two grades of D are on probation for the following quarter.

VII. **Exclusion.** A student who fails in three courses, twelve quarter hours, in any quarter, is dropped from the College.

A student who has been on probation for two consecutive quarters and whose grades at the end of this period would place him on probation again is excluded from attendance for a period of one calendar year unless he is given special permission by the Dean to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another institution.

VIII. **Withdrawal.** A student who wishes to withdraw from the College before the end of a quarter must notify the Registrar at the time of withdrawal. Such a student will receive grades of W in all courses, except that if the withdrawal takes place after the close of the eighth week of the quarter, grades of W will be recorded only for courses in which he is doing passing work with grades of F for courses in which he is failing.

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* Music students and others whose curricula prescribe courses of one and two quarter hours will have their probation status determined after weighting the grades in such courses.

If a student discontinues attendance in all classes without notifying the Registrar of intention to withdraw from the College, grades of F will be recorded in all courses, and his record will be marked "Dropped for low scholarship" if transferred to another institution.

IX. **Attendance at Classes.** Students are expected to attend all classes for which they are registered unless prevented by illness or some other urgent reason. Students who have been absent because of illness must present a permit from the Health Service upon returning to classes.

No student may register for any course not scheduled on the program.

EXTENSION SERVICE

The organization of Extension courses has made it possible for the College to assist teachers in service to continue their education. Extension work to the extent of not more than 48 quarter hours of credit may be accepted toward graduation.

Organization. Classes may be organized in communities in which twenty or more students can agree upon an acceptable course. The courses offered are usually on junior or senior year level, but freshman or sophomore courses may be offered if desired.

COURSES OFFERED IN 1945-46

COURSE NUMBER	CENTER	INSTRUCTOR
Anatomy E170	Danville (Lakeview Hospital)	Dr. Hartley
Botany E170	Danville (Lakeview Hospital)	Dr. Marcy
Chemistry E170	Danville (Lakeview Hospital)	Dr. Marcy
Education E170	Danville (Lakeview Hospital)	Dr. Lawson
Social Science E170	Danville (Lakeview Hospital)	Dr. Wood
Botany E122	Fairfield	Dr. Thut
Botany E300	Hillsboro and Toledo	Dr. Thut and Dr. Stover
Education E226	Vandalia, Taylorville, Tuscola, Lawrenceville, Robinson, Olney.	Dr. Olsen and Dr. Heise
Education E326	Mattoon and Shelbyville	Dr. Heise
Education E447	Flora and Sullivan	Dr. Zeigel
Geography E130	Newton	Miss Harris
Geography E236	Olney	Miss Harris
German E230, E231	Campus	Miss Carman
Physical Education E345	Albion and Effingham	Dr. Haight
Social Science E235	Mt. Carmel	Dr. Seymour
Social Science E364	Hillsboro	Dr. Coleman

For description of courses, refer to respective departments under "Description of Courses."

Entrance. The courses are open to (1) high-school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon previous attendance at the Eastern Illinois State Teachers College.

Credit. Classes meet in weekly periods of one hundred fifty minutes each for sixteen weeks. Four quarter hours of credit are given upon satisfactory completion of a course.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for textbook rental. When textbooks cannot be supplied by the college textbook library the rental fee is waived and the members of the class must buy their own books.

Veterans of World Wars I and II, who were residents of Illinois at the time of entering the service, upon presentation of an honorable discharge are granted a Teachers College military scholarship to cover the fees and textbook rental ($9.00).

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours). The normal load in one quarter is 16 quarter hours of prepared work.

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation except for those whose major or minor is music. Such students receive certain stated credits under the title "Ensemble."

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300-399, junior courses; 400-499, senior courses.

MAJOR AND MINOR SUBJECTS

In the curricula for high-school teachers, a student takes at least 36 quarter hours of work in a major subject exclusive of courses in methods and in practice teaching and 24 quarter hours each in one or two minor subjects. In some cases the minor subjects are specified by the department of the major subject and in other cases left to the student's choice. The courses in the minor subjects must constitute two years' work in some one department or related field. One of the three terms of practice teaching should be in a minor subject.

A student may take the Bachelor of Science in Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have an academic minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

ELECTIVES

Each curriculum provides for a number of elective courses. Students are urged to use their electives, in the main, to build additional minors.

A few courses are not accepted as electives in certain curricula. These exceptions are noted in the Description of Courses.

DESCRIPTION OF CURRICULA

I. FOUR-YEAR CURRICULA

1. For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Hygiene 120, Mathematics 120, 121
Social Science 137, 138, 139
Biological Science 126, 127, 128
Commerce 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Education 228
Art 130, Art 224 (124), Industrial Arts 224
Physical Science 100, 101, 102
Education 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Education 324 (224), 325 (225), 343
Social Science 233, 234, 235
Elective, Geography 221, 236
Elective, Indus. Arts 225, Music 228
Physical Education 315, 316, 317

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348,* Speech 345
Elective, Education 344, Education 447
Advanced Elective (Year)
Physical Education (Year)

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* Or English 343 or 344 or 449.

Note: Those preparing for the lower grades should choose English 122 instead of English 124 or 126.

2. For Preparation of High-School Teachers

The "core" of the four-year curriculum for high-school teachers is the same in all departments with the exception mentioned in the footnotes. In order to aid students who may wish to transfer from one major to another, these requirements are listed below:

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)*
Major Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
Junior English Examination
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345
Major Subject (Year)
Minor Subject (Year)
Physical Education (Year)

This leaves a minimum of 10 electives.

* At least one of the quarters in Social Science must be chosen from Social Science 233, 234, 235.

Note: There are a few exceptions to the above requirements which are noted in the outline of the major field.

An examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall or winter quarters. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The creative work is emphasized in design, color, and drawing, and their many applications. Courses in history and appreciation are given as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, Soc. Sci. 233 or 234, 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 236, 237, 238
Art 234, 226, 233
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 346, 350
Physical Education (Year)

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447, 448, 449
Elective, Elective, Education 344
Physical Education (Year)

Requirements for a Minor in Art:

Elementary Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 224 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE

(1) SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)
Physical Education (Year)

(2) ACCOUNTING

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T, Commerce 340I
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Minor Subject (Year)
Physical Education (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Commerce 141
Commerce 110, 111, 112* or Commerce 210, 211, 212
Commerce 123, 124, 125* or Commerce 223, 224, 225
Hygiene 120, Geography 120, Commerce 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230,* 231, 232
Social Science 233, 234, 235
Physical Education (Year)
Commerce 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T, Commerce 340I
Commerce 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)
Physical Education (Year)

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* Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce: accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students with a major in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students with a major in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR

English 120, 121, 126
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Hygiene 120, Elective (2 quarters)
English 230, 236, 234
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Social Science 233 or 234, English 340
English 343, 344, Art 351
English 346, 347, 348
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451
Physical Education (Year)

Notes: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2 English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

3. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

4. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

5. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239); 346, 347, 348, 449 may be used for credit toward a minor in English, or other courses by arrangement. It is recommended that the following be always included: English 230 or 231, 234, 236, and 348.

D. FOREIGN LANGUAGES

1. Latin

FRESHMAN YEAR

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (Year)
Library 120

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Social Science 233 or 234, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)
Physical Education (Year)

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)
Physical Education (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 132.

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* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

2. French

FRESHMAN YEAR

French 130, 131, 132*
English 120, 121, 125
Laboratory Science (Year)
Social Science 233 or 234, Elective, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

French 230, 231, 232
Education 230, 231, 232
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

French 333, 334, 335
Education 343, 344, 345
Speech 345, Geography 343, French 340
Suggested Minor, German, Latin or Spanish
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
French 336, 337, 338
Social Science 346, 347, 348
Advanced Elective (Year)
Suggested Minor, German, Latin or Spanish
Physical Education (Year)

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* Students who have credit for two years of French in high school should register for French 230, 231, 232.

3. Spanish

FRESHMAN YEAR

Spanish 130, 131, 132*
English 120, 121, 125
Laboratory Science (Year)
Social Science 233 or 234, Geography 231, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Spanish 230, 231, 232
Education 230, 231, 232
Speech 345, Elective (2 quarters)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Spanish 233, 234, 235
Social Science 349, 350, Spanish 340
Education 343, 344, 345
Suggested Minor, French, German or Latin (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Spanish 333, 334, 335
Suggested Minor, French, German or Latin (Year)
Advanced Elective (Year)
Physical Education (Year)

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* Students who have credit for two years of Spanish in high school should register for Spanish 230, 231, 232.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, 221, 130
Physical Education (Year)
Library 120

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 447, 343, 345
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Geography 233, 231, 236
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective, Elective, Geography 340
Advanced Elective (Year)
Social Science 354, 355, Speech 345
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 130, 221, 231, 236 and 340G; for high school teachers, Geography 120, 130, 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Art 130, 131, Hygiene 120
Botany 120, Chemistry 130, 131
English 120, 121, 125
Home Economics 102, 101, 202
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 201, 203, Botany 235
Home Economics 232, 204 (301), 245 (2) and 246 (2) (446a and 446b)
Physical Education (Year)

JUNIOR YEAR

Physics 322, Social Science 330, Home Economics 340
Home Economics 347 (247), Art 344, Home Economics 344
Home Economics 346, 304, 345
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 453, Education 458, 343
Speech 345, Education 345, Social Science 233 or 234 or 235
Elective (Year)
Physical Education (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203, 232, 347.

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* A 1.5 average is required to qualify for teaching in Vocational schools.

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Music 229, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hours)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts 352 (348), 354, Elective
Education 343, 344, Elective
Social Science 233, 234, Speech 345
Physical Education (Year)

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hours), 365 (2 hours), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hours)
Physical Education (Year)

Notes: 1. An academic minor is required.

2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.

3. One of the three quarters in student teaching is required in the minor subject.

4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Mathematics 132, 120, 133
Mathematics 130, 131, 134
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134, 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

FRESHMAN YEAR

Music 146, 147 (4 q. h.), Hygiene 120
Music 123, 124, 125 (6 q. h.)
English 120, 121, 125
Laboratory Science (Year)
Applied Music (6 q. h.)
Ensemble (No credit)
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 230, 231, 232
Music 236, 237, 238 (6 q. h.)
Education 230, 231, 232
Social Science (2 quarters),* Music 228
Applied Music (6 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

JUNIOR YEAR

Music 351, 352, Music 337 (2 q. h.)
Music 356 (2 q. h.), Music 340, Music 347 (2 q. h.)
Education 343, Speech 345, Education 345
Minor Subject (Year)
Applied Music (5 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

SENIOR YEAR

Music 449, 450 (4 q. h.)
Teaching 441, 442, 443
Minor Subject (Year)
Advanced Elective (Year)
Applied Music (4 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Notes:

1. Applied music (21 q. h.), including two years of piano, one or two years of voice and one year of study on some band or orchestral instrument, is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

2. A student may be excused from any instrumental technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

3. Participation in the band, orchestra, and chorus each quarter for four years is required. Credit is given at the end of the spring quarter of the last three years as indicated on p. ......

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs.

Ability to teach music satisfactorily in the grades as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Chorus, Cecilian Singers, Orchestra or Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449, 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 146, 147, 236, 237, 238, 337, 356 (three to five quarters); Music 347, 449, 450, a total of 26 to 30 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION

1. Men

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Zoology 225, Physical Education 226, 227
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 345, Elective, Physical Education 340
Physical Education 347, 348, 349
Physical Education 344, Physiology 345, Physical Education 350
Education 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452, 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)
Physical Education (Year)

Requirements for a Minor in Physical Education:

Physical Education 120, 122, 226, 227 (any three of these courses); Physical Education 347, 348, 349, 350, 452 (any three of these courses), Physical Education 121 may be substituted but is not recommended.

2. Women

FRESHMAN YEAR

English 120, 121, 125
Zoology 120, 121, 122
Physical Education 130, 131, 132 (344)
Music 120, Social Science (2 quarters)*
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Physical Education 244, Zoology 225, Physiology 345
Physical Education 233 (454), 234 (450), 235
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Physical Education 341, 346, 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345, 2 Adv. Electives
Physical Education 450, 451, 456
Minor Subject (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Physical Education:

Zoology 225, Physical Education 233, 234, 343, 346, 458.

All majors and minors in Physical Education are required to take part in the activities of the Women's Athletic Association each term of residence.

K. SCIENCE (Biological)

Note: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

1. Botany

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 346 (446)
Zoology 230, 231, 232 (or Zoology 343, 344, 345)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or Elective)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Note: Botany 345 may be substituted for Botany 346 (446) with permission of the instructor.

2. Zoology

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

1. Chemistry

FRESHMAN YEAR

Chemistry 130, 131, 132*
English 120, 121, 125
Mathematics 130, 131, 134
Elective (Year) (Preferably Physics 130, 132, 131)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)**
Elective (Year) (Preferably Mathematics 235, 236, 345)
Physical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 343, Elective
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Education 344, Elective (2 quarters)
Chemistry 446, 447, 448, or Chemistry 450, Elective (2 quarters)
Advanced Elective (Year)
Physical Education (Year)

** At least one quarter must be chosen from Social Science 233, 234, 235.

* Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and a second year's work in analytical or organic chemistry or a combination of these two (see page 116).

Note: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 345.

Possible Minors: Mathematics, Physics, Foreign Language (German or French). One year each of botany and zoology constitutes a teaching minor in Biological Science.

2. Physics

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 131, 132
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 237, 238*
Mathematics 235, 236, 345
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Physics 335, 339, 343
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters),** Education 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 344, 470, 471)
Advanced Elective (Year)
Physical Education (Year)

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* Or another physics course.

** At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Major in Physics:

The courses required for a minor plus three additional physics courses. An additional three courses are desirable.

Requirements for a Minor in Physics:

Physics 130, 131, 132 and three additional physics courses are required. Physics 335, 236, 237 are desirable for teaching minors.

Possible Minors: Mathematics, Chemistry, Foreign Language (preferably German). One year each of botany and zoology constitutes a teaching minor in Biological Science.

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Geography 120, 130, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (2 quarters), Social Science 340
Physical Education (Year)

SENIOR YEAR

Education 344, Elective (2 quarters)
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356, or 453, 454, 455
Physical Education (Year)

Requirements for a Minor in Social Science:

Social Science 233, 234, 235, and any other year's sequence in Social Science.

N. SPEECH

FRESHMAN YEAR

Speech 130, 135 (235), 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters),* Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Speech 345, 244 (444), 246 (346)
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 445, 331, 335 (435)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 433 (233), 434 (234), 431 (131)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

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* One quarter must be chosen from Social Science 233, 234, 235 unless this sequence is chosen as the year of Social Science in the junior year.

Requirements for a Minor in Speech:

Speech 130, 132, 244, 331, 345, 433.

II. TWO-YEAR CURRICULA

For Preparation of Grade Teachers for Examination for a Limited Elementary Certificate

The following curriculum is suggested to students who plan to apply for certification through examination. Examinations are given by the State Examining Board at the end of two years of college work.

FIRST YEAR

Education 230, 231, 232
English 120, 121 and 122, or 124 or 126
Biology 126, 127, 128
Mathematics 120, 121, Music 120
Library 120, Commerce 120
Physical Education (Year)

SECOND YEAR

Education 324, Teaching 220, 221
Social Science 233, 234, 235
Industrial Arts 224 or 225, Geography 120, Education 228
Hygiene 120, Art 224, Geography 130
Physical Education 315, 316, 317

Curriculum GB

GENERAL CURRICULUM

This curriculum offers a wide choice of electives but requires that they conform to a pattern which encourages both depth and breadth of education. The curriculum is recommended to students who have not yet decided upon a field of major interest and wish to explore several fields, to students who have definite plans for transferring to other colleges at the end of the first two years, and to students who wish to round out their education with two years of general college work. It may be adapted readily to needs of students who plan to enter a law school and those interested in business careers.

By proper choice of electives students who complete this curriculum are able to satisfy the requirements for a degree in botany, chemistry, commerce, English, foreign languages, geography, mathematics, physics, social science, or zoology with two additional years of residence in the College.

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Social Science 233, 234, 235
Laboratory Science[1]	Foreign Language[3]
Elective[2]	Elective[4]
Elective[2]	Elective[5]
Physical Education	Physical Education
Library 120	

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[1] May be one year of botany, general biology, physics, chemistry, zoology, or general physical science.

[2] Must be selected so that the four subjects are in four different fields. Courses in education may not be counted as elective.

[3] If the student has had two years of foreign language in high school he may substitute an elective.

[4] Must be the second year in some subject studied during the first year.

[5] May be the second year in some subject studied during the first year.

Curriculum GE

COURSES BASIC TO ENGINEERING

This curriculum is designed for students who plan to transfer to colleges of engineering at the end of the second year. The courses parallel those required in the first two years in many such schools. Students who complete this curriculum and decide to remain at the College may have junior status in a curriculum with major in mathematics, physics, or chemistry.

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Physics 130, 131, 132
Chemistry 130, 131, 132	Mathematics 235, 236, 345
Mathematics 130, 131, 134	Suggested Electives (12 q. h.)
Industrial Arts 231, 232, Elective	Approved Electives (12 q. h.)
Library 120	Physical Education
Physical Education	

Curriculum GM

PRE-MEDICAL COURSES

The courses in this curriculum correspond to courses usually required for admission to medical schools. The student should consult the catalogue of the school he proposes to enter before choosing electives.

FIRST YEAR

Chemistry 130, 131, 132
English 120, 121, 125
Zoology 120, 121, Hygiene 120
Electives (12 q. h.)
Library 120
Physical Education

SECOND YEAR

Chemistry 343, 344, Zoology 225
Foreign Language (Year)
Physics 130, 131, 132
Electives (12 quarter hours)
Physical Education

It is recommended that electives be chosen from the following courses: Chemistry 345, 234b, 235, Education 231, Zoology 346, 446, Botany 120, 121, 122, Mathematics 130, 131, Social Sciences, Geography.

Curriculum GD

PRE-DENTAL COURSES

The courses prescribed above for pre-medical students are recommended also for pre-dental students except that Zoology 122 should be substituted for Zoology 225.

Curriculum GN

PRE-NURSING COURSES

This curriculum is planned to satisfy an increasing demand that nurses take at least two years of college work before beginning their professional training.

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, Elective
Zoology 120, 121, Hygiene 120
Botany 120, 235, Elective
Library 120
Physical Education

SECOND YEAR

Chemistry 210, Education 231, Zoology 225
Social Science 453
Electives (32 q. h.)
Physical Education

Recommended electives: Botany 120, 121, 122, Chemistry 211, 212, Foreign Language, Home Economics 102, Physics 322, Zoology 230, 231, 232, 346, Social Sciences, Geography.

Curriculum GT

PRE-MEDICAL LABORATORY TECHNICIAN

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, 132
Zoology 120, 121, Hygiene 120
Electives (12 q. h.)
Library 120
Physical Education

SECOND YEAR

Chemistry 343, 344, Zoology 446
Physics 130, 131, 132
Botany 120, 235
Electives (16 q. h.)
Physical Education

Recommended electives: Chemistry 234b, 235, Zoology 227, 346, Social Sciences, Geography.

Curriculum GP

COURSES BASIC TO PHARMACY

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Physics 130, 131, 132
Chemistry 130, 131, 132	Chemistry 233, 234, 235
Mathematics 130, 131, Hygiene 120	Electives (24 q. h.)
Zoology 120, 121, Botany 120	Physical Education
Library 120	
Physical Education	

Recommended electives: Botany 121, 122, Chemistry 343, 344, 345, Foreign Language, Social Sciences, Geography.

Curriculum GC

COURSES BASIC TO CHEMICAL ENGINEERING

The courses in this curriculum are planned to parallel closely those required during the first two years in typical chemical engineering curricula. A student who completes this curriculum may return as a junior in the chemistry curriculum of the College.

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Chemistry 233, 234, 235
Chemistry 130, 131, 132	Physics 130, 131, 132
Mathematics 130, 131, 134	Mathematics 235, 236, 345
Hygiene 120, Industrial Arts 231, 232	Electives (12 q. h.)
Library 120	Physical Education
Physical Education	

Recommended electives: Chemistry 343, 344, 345, Biological Sciences, Foreign Language, Social Sciences, Geography.

Curriculum GA

COURSES BASIC TO GENERAL AND VOCATIONAL AGRICULTURE, HORTICULTURE, AND FLORICULTURE

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Botany 344, 231, 235 (or 232)
Botany 120, 121, 122	Chemistry 343, Zoology 120, 121
Chemistry 130, 131, 132	Zoology 226, Electives (8 q. h.)
Hygiene 120, Electives (8 q. h.)	Electives (12 q. h.)
Library 120	Physical Education
Physical Education	

Recommended electives: Botany 346, 235, 232, Chemistry 344, 345, Commerce 230, 231, 232, Geography 221, 233, 236, Social Science 233, 234, 235, 330.

Curriculum GH

COURSES BASIC TO PROFESSIONAL WORK IN DIETETICS

This curriculum is planned for students who expect to take up advanced work in dietetics at the end of two years. Students who complete this curriculum may also transfer to the home economics curriculum of the College with junior status.

FIRST YEAR	SECOND YEAR
English 120, 121, 125	Chemistry 210, 211, 212
Home Economics 102, 101, 202	Home Economics 203, 204, 346
Botany 120, Chemistry 130, 131	Home Economics 347, Zoology 225, Botany 235
Art 130, 131, Social Science 235	
Library 120	Hygiene 120, Education 231, Elective
Physical Education	Physical Education

Suggested electives: Physics 130, Social Science 330, Commerce 230, Mathematics 130, Speech 130.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5.00.

Affiliated Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of public school conditions the Teachers College has affiliated with one village school of eight grades and two four-year community high schools.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Training teachers selected for the affiliated schools must be approved by both the district and the College. A part of each affiliated school training teacher's salary is paid by the College.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do observation must consult the Director of Teacher Training. Sophomores are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this College gradual participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students who desire to take the state teachers' examination before completing the required four years of work are required to take 100 clock hours of supervised student teaching. Candidates for the degree are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to student teaching see III under "Scholarship."

ALER
TY
UCIL.

EASTERN'S TRAILER CITY PROVIDES HOMES FOR MARRIED VETERANS AND THEIR FAMILIES.

III. DESCRIPTION OF COURSES

ART

NOTE: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week.

130. INTRODUCTION TO ART. Fall and winter. (4 q. hrs.)

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing. Training in basic principles with work in pencil, water color, chalk and decorative design processes.

Required in the art, home economics, and elementary curricula.

131. DESIGN I. Winter and spring. (4 q. hrs.)

The application of design and color to weaving, block printing and posters. Fundamentals of lettering and its application to commercial art through problems in display and advertising.

Required in the art and home economics curricula. Prerequisite: Art 130 or approval of instructor.

132. DRAWING I. Spring. (4 q. hrs.)

Freehand drawing in pencil and charcoal from set studies and imagination. Principles of pictorial design. Outdoor sketching when possible.

Required in the art curriculum. Prerequisite: Art 130.

224. ART FOR TEACHERS IN THE ELEMENTARY GRADES. Winter. (4 q. hrs.)

The teaching of art in the elementary grades with practice in adapting art principles, processes and projects to different grade levels; work in curriculum making and in providing art background for room activities; training in lettering, craft techniques, and figure drawing.

Required in the elementary curriculum. Prerequisite: Art 130.

226. LIFE DRAWING I. Winter. (4 q. hrs.)

Constructive drawing from costumed model for freedom in pose, action and composition. Study of artistic anatomy. Development of techniques in several media.

Required in the art curriculum. Prerequisite: Art 132.

227. LETTERING. Winter. (4 q. hrs.)

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective.

233. DRAWING II. Spring. (4 q. hrs.)

Development of skills in handling ink and pastels through freehand drawing of still life, decorative design and landscape. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 132.

234. DESIGN II. Fall. (4 q. hrs.)

Applied decorative design developing techniques in the crafts such as textile decoration, silk screen, air brush, wood crafts, leather, metal and advanced weaving. Relation of crafts to club and summer camp work and to occupational therapy. Students are given freedom to work out problems according to individual interests.

Required in the art curriculum. Prerequisite: Art 131.

235. COSTUME DESIGN. Spring. (4 q. hrs.)

The designing of costumes for various type figures, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Recommended in the art and home economics curricula.

236. HISTORY AND APPRECIATION I. Fall. (4 q. hrs.)

A study is made of man's creative efforts in the visual arts from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesopotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

237. HISTORY AND APPRECIATION II. Winter. (4 q. hrs.)

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

238. HISTORY AND APPRECIATION III. Spring. (4 q. hrs.)

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

239. POTTERY AND MODELING. Fall. (4 q. hrs.)

Study of three methods of pottery making—coil, slab and casting. Modeling of animals and figures. Glazing, firing of the kiln.

Recommended in the art and elementary curricula.

340. METHODS IN HIGH SCHOOL ART. Spring. (4 q. hrs.)

Study of the functions of art in the secondary school curriculum. Instructional practice in teaching techniques of various media and processes. Lesson, unit and curriculum planning.

Required in the art curriculum.

344. HOME PLANNING AND FURNISHING. Fall. (4 q. hrs.)

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131.

345. METHODS IN ELEMENTARY SCHOOL ART. Fall. (4 q. hrs.)

Study of function of art in the educational experiences of the pupil in the elementary grades. Problems in adapting the various art media and processes to the different grade levels. Lesson, unit and curriculum planning.

Required in the art curriculum. Should be taken in place of Art 224 by art minors in elementary curriculum.

346. LIFE DRAWING II. Winter. (4 q. hrs.)

Advanced work with costumed model and from imagination in figure composition. Use of the figure in drawing, painting, advertising, and illustration.

Required in the art curriculum.

350. PAINTING. Spring. (4 q. hrs.)

Painting of still life and landscape in water color, tempera, and oil.

Required in the art curriculum.

351. ART BACKGROUNDS. Spring. (4 q. hrs.)

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Recommended in the elementary curriculum.

447. COMPOSITION I. Fall. (4 q. hrs.)

The development of original work in decorative and pictorial design based on previous training in art fundamentals and media.

Required in the art curriculum.

448. COMPOSITION II. Winter. (4 q. hrs.)

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum.

449. COMMERCIAL DESIGN. Spring. (4 q. hrs.)

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum.

453. PSYCHOLOGY OF ART. Omitted 1946-47. (4 q. hrs.)

The study of the human or psychological basis for art expression. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Use of tests in art.

Required in the art curriculum.

456. STAGE DESIGN. Omitted 1946-47. (4 q. hrs.)

Design and construction of scenery, selection of costumes, color planning and designing of stage accessories. Choice of problems may include puppetry and making of masks.

Recommended in the art and speech curricula. Prerequisite: Permission of instructor.

458. ART SEMINAR. Omitted 1946-47. (4 q. hrs.)

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Prerequisite: Permission of instructor.

COMMERCE

I. Typewriting

110. TYPEWRITING. Fall. (4 q. hrs.)

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

Fee $1.00.

111. TYPEWRITING, Continued. Winter. (4 q. hrs.)

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110 or the equivalent. Fee $1.00.

112. TYPEWRITING, Continued. Spring. (4 q. hrs.)

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110, 111 or the equivalent. Fee $1.00.

210. ADVANCED TYPEWRITING. Fall. (4 q. hrs.)

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. Fee $1.00.

211. ADVANCED TYPEWRITING, Continued. Winter and spring. (4 q. hrs.)

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 210 or the equivalent. Fee $1.00.

212. PRINCIPLES AND PROBLEMS OF OFFICE PRACTICE. Fall and spring. (4 q. hrs.)

A practical course in the subject matter of office practice, including filing, duplicating devices, voice-writing equipment, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor. Class limited to twenty-four. Fee $1.00.

II. Shorthand

123. SHORTHAND. Fall. (4 q. hrs.)

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

124. SHORTHAND, Continued. Winter. (4 q. hrs.)

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Commerce 123 or the equivalent.

125. SHORTHAND, Continued. Spring. (4 q. hrs.)

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Commerce 123, 124 or the equivalent.

223. ADVANCED SHORTHAND. Fall. (4 q. hrs.)

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 123, 124, 125 or the equivalent.
Fee $1.00.

224. ADVANCED SHORTHAND, Continued. Winter. (4 q. hrs.)

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 223 or the equivalent. Fee $1.00.

225. SECRETARIAL PRACTICE. Spring. (4 q. hrs.)

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223 and 224. Fee $1.00.

III. Accounting

230. ACCOUNTING. Fall. (4 q. hrs.)

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to give a thorough drill in the principles of accounting as applied to single proprietorship.

231. ACCOUNTING, Continued. Winter. (4 q. hrs.)

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Commerce 230 or the equivalent.

232. ACCOUNTING, Continued. Spring. (4 q. hrs.)

This course consists chiefly of changing partnership books to corporation books, corporation accounting, voucher system, accounting for departments and branches, accounting for non-profit organizations, and analysis of financial statements with interpretations.

Prerequisite: Commerce 230, 231.

330. COST ACCOUNTING. Fall. (4 q. hrs.)

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232.

331. ACCOUNTING TAX PROCEDURE. Winter. (4 q. hrs.)

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Commerce 230, 231, 232. Not open to freshmen.

IV. Methods

340T. METHODS OF TEACHING TYPEWRITING AND OFFICE PRACTICE. Fall. (4 q. hrs.)

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course is granted.

340S. METHODS OF TEACHING GREGG SHORTHAND. Winter. (4 q. hrs.)

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course is granted.

340B. METHODS OF TEACHING BOOKKEEPING AND BUSINESS ARITHMETIC. Spring. (4 q. hrs.)

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

340I. METHODS AND MATERIALS FOR TEACHING INTRODUCTION TO BUSINESS. Spring. (4 q. hrs.)

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

V. General Business Courses

140. BUSINESS MATHEMATICS. Fall and winter. (4 q. hrs.)

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

141. BUSINESS CORRESPONDENCE. Spring. (4 q. hrs.)

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121.

444. FOUNDATIONS IN BUSINESS EDUCATION. Omitted 1946-47. (4 q. hrs.)

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

Not open to freshmen or sophomores.

445. PROBLEMS IN BUSINESS EDUCATION. Omitted 1946-47. (4 q. hrs.)

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analysis; placement and follow-up of graduates; and vocational information and guidance.

Not open to freshmen or sophomores.

446. BUSINESS LAW. Fall. (4 q. hrs.)

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

447. BUSINESS LAW, Continued. Winter. (4 q. hrs.)

This course is a continuation of Commerce 446 and considers insurance; bailments; carriers; sales; partnership; corporation; deeds of conveyance; mortgages; landlord and tenant; and business crimes.

448. SALESMANSHIP AND ADVERTISING. Spring. (4 q. hrs.)

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling. Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

VI. Penmanship

120. PENMANSHIP. Every quarter. (1 q. hr.)

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the elementary and commerce curricula.

EDUCATION

170. PSYCHOLOGY. (4 q. hrs.)

A modification of Education 231 offered in extension to nurses in training at Lakeview Hospital, Danville, Illinois.

201. PRINCIPLES OF SAFETY EDUCATION. Summer term only. (4 q. hrs.)

220. WORKSHOP. Summer term only. (4 q. hrs.)

Opportunity to work on individual problems with guidance of staff members.

Registration by permission only.

226. RURAL CURRICULUM PROBLEMS. Omitted 1946-47. (4 q. hrs.)

228. READING. Spring. (4 q. hrs.)

An introduction to a study of the principles and the methodology of teaching reading in the elementary grades. Major emphasis is placed on silent and oral work-type reading. The objectives, instructional materials, and the teaching problems to be developed in each stage of reading experience form the basis for classroom discussion. The skills, attitudes, and abilities of each stage are considered. Demonstrations in the laboratory school are arranged for class observation and discussion. The place of phonics, the construction and use of tests, the making and use of good seat work, and the use of drills are topics carefully considered.

Required in the elementary curriculum. Prerequisite: Education 231 and 232.

230. AN INTRODUCTION TO EDUCATION. Fall, winter, spring. (4 q. hrs.)

A comprehensive survey of the field of education designed to give an understanding of the development of the American school system, to aid in the analysis of current trends in American education, and to create an appreciation for teaching as a profession.

Required in all curricula.

231. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Winter and spring. (4 q. hrs.)

A beginning course. Major topics treated are schools of psychology, the physical basis of behavior, native and acquired responses, mental hygiene, and individual differences.

Required in all curricula. Prerequisite: Education 230.

232. EDUCATIONAL PSYCHOLOGY. Fall and spring. (4 q. hrs.)

The first six weeks are devoted to a study of the learning process. The second six weeks are devoted to a study of human growth and development.

Required in all curricula. Prerequisite: Education 230 and 231.

313. RURAL SCHOOL OBSERVATION. Summer term only. (4 q. hrs.)

Observation of a modern one-room school. Enrollment is restricted to juniors, seniors, or teachers actually in service.

Elective in the elementary curriculum.

324. DIRECTED STUDY AND OBSERVATION OF TEACHING. Fall. (4 q. hrs.)

The problems and duties of the elementary teacher are studied through observations in classrooms, reading, and discussion. Such topics as classroom organization and management, teaching procedures, learning materials, planning the daily program, records and reports, promotions, school environment, parent-teacher-pupil relationships, and evaluation of the work of the school are considered as these affect the learning activities of children.

Prerequisite: Education 230, 231, 232.

325. PRIMARY EDUCATION. Winter. (4 q. hrs.)

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics for discussion are the mental, physical, and social growth of the child during the preschool and primary grades periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment, and the materials of the primary grades; teaching the various subjects in the curriculum of the primary grades; and the personal characteristics and professional preparation of the primary teacher.

Required in the elementary curriculum. Prerequisite: Twelve quarter hours in education.

326. CHILD GROWTH AND DEVELOPMENT AND IMPLICATIONS FOR TEACHING. Summer term only. (4 q. hrs.)

A survey of recent developments in the field. Developmental tasks. Case studies, techniques of group management. A basic text is used, supplemented by source materials.

343. PRINCIPLES OF EDUCATION. Every quarter. (4 q. hrs.)

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in all curricula. Prerequisite: Education 230, 231, 232.

344. TESTS AND MEASUREMENTS. Every quarter. (4 q. hrs.)

About one-third of the time is devoted to educational statistics. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examinations of numerous standardized tests, and the construction of tests in the student's major field.

Required in all curricula except home economics and music. Prerequisite: Education 230, 231, 232.

345. DIRECTED STUDY AND OBSERVATION OF TEACHING. Every quarter. (4 q. hrs.)

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the curricula for the preparation of secondary school teachers except the industrial arts curriculum. Prerequisite: Education 230, 231, 232.

446. MODERN TRENDS IN EDUCATION. Omitted 1946-47. (4 q. hrs.)

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested.

Prerequisite: Sixteen quarter hours in education.

447. SOCIAL PSYCHOLOGY. Fall. (4 q. hrs.)

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the elementary curriculum. Prerequisite: Sixteen quarter hours in education.

448. SCHOOL ORGANIZATION AND ADMINISTRATION. Omitted 1946-47. (4 q. hrs.)

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. School law and finance as well as current educational problems receive attention.

Prerequisite: Sixteen quarter hours in education.

450. SPECIAL EDUCATIONAL PROBLEMS. Summer term only. (4 q. hrs.)

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested.

Prerequisite: Junior standing or experience in teaching and permission of the instructor.

451. ABNORMAL PSYCHOLOGY. Summer term only. (4 q. hrs.)

The purpose of this course is to acquaint the student with various forms and types of abnormal behavior. Stress is given to these patterns as they affect the relations between the teacher and the pupil. Attention is also given to a study of the adolescent. The philosophy of mental hygiene is integrated throughout the course, stressing the application of these hygienic principles in developing proper behavior patterns in the school and the community.

Prerequisite: Sixteen quarter hours in education.

454. TECHNIQUES OF GUIDANCE. Summer term only. (4 q. hrs.)

Prerequisite: Sixteen quarter hours in education.

455. MENTAL HYGIENE. Summer term only. (4 q. hrs.)

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. The physical, mental, emotional, and social factors underlying mental health, the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement and the application of its principles to home, school, and social situations.

Prerequisite: Sixteen quarter hours in education.

458. VOCATIONAL EDUCATION. Winter. (4 q. hrs.)

A course in the history, organization and administration of vocational education. Federal and state laws affecting vocational schools are considered.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the Director of Teacher Training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)

Required of students who plan to obtain a limited elementary certificate by examination.

441, 442, 443. SUPERVISED STUDENT TEACHING IN THE MAJOR OR MINOR SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Three quarters of teaching are required. At least one of these quarters must be in the major subject and one in a minor subject is recommended.

Required in all curricula.

ENGLISH

NOTE: Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. The Junior English examination is required of all students in the junior year.

A. FUNDAMENTALS OF ENGLISH COMPOSITION. Spring. (No credit.)

A remedial course for students who do not pass the Junior English examination. English 344 may be substituted and taken for credit upon recommendation of the head of the English department.

120. COMPOSITION. Fall and winter. (4 q. hrs.)

A basic course in communicaation, including listening, reading, speaking, and writing. Many short themes required to develop facility in writing correct, effective sentences and paragraphs. Some study of rhetorical and grammatical principles and their application to expression.

121. COMPOSITION. Fall, winter, spring. (4 q. hrs.)

Further study of rhetoric and grammar. Longer units of composition in which problems of organization, coherence, and unity are studied. One research paper required in addition to about ten themes of three or four pages each.

English 120 and 121 are required in all curricula.

121J. JOURNALISM I. Winter. (4 q. hrs.)

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in the "Eastern Teachers News."

Prerequisite: English 120. Accepted for English 121.

122. LITERATURE IN THE GRADES. Spring. (4 q. hrs.)

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the elementary curriculum for lower grades. Not accepted for elective credit in other curricula.

123. STORY-TELLING. Summer term only. (4 q. hrs.)

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124.

124. METHODS IN COMPOSITION AND LITERATURE IN UPPER GRADES. Omitted 1946-47. (4 q. hrs.)

Required in the elementary curriculum for the upper grades unless English 126 is taken. Not accepted for elective credit in other curricula.

125. COMPOSITION AND LITERATURE. Winter, spring. (4 q. hrs.)

Third quarter of freshman English except for those students required to take other courses. A continuation of composition work begun in English 120 and 121 to fix expression skills. A brief introduction to literary types.

Required in all curricula, except the English, commerce, and elementary education curricula. Prerequisites: English 120 and 121.

126. GRAMMAR. Spring. (4 q. hrs.)

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the elementary curriculum for the upper grades unless English 124 is taken; required in the English curriculum. Not accepted for elective credit in other curricula.

141. BUSINESS CORRESPONDENCE.

(See description under "Commerce.")

230. NINETEENTH CENTURY PROSE FICTION. Fall. (4 q. hrs.)

English 230 treats of fiction of the first half of the nineteenth century with emphasis upon the novels of Austen, Thackeray, Dickens, and Hawthorne. Standards of good fiction, past and present, are discussed.

English 230 required in the English curriculum.

231. NINETEENTH CENTURY PROSE FICTION, Continued. Winter. (4 q. hrs.)

English 231, a continuation of English 230, is concerned with the fiction of the latter half of the nineteenth century as represented by the novels of George Eliot, Hardy, Meredith, and James.

Prerequisite: English 230.

234. AMERICAN LITERATURE. Spring. (4 q. hrs.)

A survey of American literature from Colonial times to the end of the nineteenth century, stressing trends and major writers, with as much reading of original materials as the time will allow.

Required in the English and elementary education curricula.

235. GREEK DRAMA. Fall. (4 q. hrs.)

Origin and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Prerequisite: English 120, 121, 125.

236. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Winter. (4 q. hrs.)

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum.

237. MODERN DRAMA. Spring. (4 q. hrs.)

The purpose of this course is to familiarize the student with what is best in modern drama.

239. DRAMATICS. Omitted 1946-47. (4 q. hrs.)

340. METHODS OF TEACHING ENGLISH IN THE HIGH SCHOOL. Spring. (4 q. hrs.)

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum.

343. CONTEMPORARY LITERATURE. Fall. (4 q. hrs.)

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum.

344. ADVANCED RHETORIC. Winter. (4 q. hrs.)

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Required in the English curriculum. Prerequisite: Twelve quarter hours of English.

344J. JOURNALISM II. Omitted 1946-47. (4 q. hrs.)

346. ENGLISH POETRY, BEOWULF TO MILTON. Fall. (4 q. hrs.)

English poetry from its Anglo-Saxon beginnings through the Middle Ages and the Renaissance.

347. ENGLISH POETRY, MILTON TO WORDSWORTH. Winter. (4 q. hrs.)

Milton and his contemporaries. Restoration and Eighteenth Century Classicists (Dryden, Pope, Johnson). Precursors of Romanticism with stress on Blake and Burns.

348. ENGLISH POETRY, THE NINETEENTH CENTURY. Spring. (4 q. hrs.)

Early Romanticists: Wordsworth, Coleridge, Byron, Shelley, Keats, and their contemporaries. Victorians: Tennyson, the Brownings, Arnold, Clough, and Fitzgerald. Post-Victorians: the Rossettis, Morris, Swinburne, Hopkins, and Bridges.

English 346, 347, 348 required in English curriculum.

449. THE ESSAY. Fall. (4 q. hrs.)

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum.

450. HISTORY OF THE ENGLISH LANGUAGE. Winter. (4 q. hrs.)

The development of the English language from Anglo-Saxon to the language of today.

Required in the English curriculum. Prerequisite: English 126 or its equivalent. Not open as elective in other curricula except by special permission of the head of the English department.

451. HISTORY OF ENGLISH LITERATURE. Spring. (4 q. hrs.)

The development of English literature from Anglo-Saxon times to the present, with a glance at the American branch, drawing together all previous literature courses.

Required in the English curriculum.

FOREIGN LANGUAGES

Students who wish a major in Foreign Languages should take three years of French, Latin, or Spanish and two years of German or another of the languages offered, together with subjects of the core curriculum and certain courses in Social Science and Geography related to the particular languages studied. Students desiring a major in Foreign Languages should consult with the head of the department.

Latin

123. INTRODUCTORY LATIN READING. Fall. (4 q. hrs.)

Review of Latin grammar; exercises; practice in sight translation.

Required in the Latin curriculum. Prerequisite: Two years of Latin in high school.

124. ORATIONS OF CICERO. Winter. (4 q. hrs.)

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Required in the Latin curriculum. Prerequisite: Latin 123.

125. VERGIL'S AENEID. Spring. (4 q. hrs.)

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Required in the Latin curriculum. Prerequisite: Latin 124.

230. CICERO'S ESSAYS, SELECTIONS FROM DE AMICITIA AND DE SENECTUTE. Fall. (4 q. hrs.)

Required in the Latin curriculum.

231. HORACE, SELECTIONS FROM THE ODES, SATIRES, AND EPISTLES. Winter. (4 q. hrs.)

Required in the Latin curriculum.

232. LIVY, SELECTIONS FROM BOOKS I, XXI, XXII. Spring. (4 q. hrs.)

Required in the Latin curriculum.

340. METHODS OF TEACHING LATIN. Omitted 1946-47. (4 q. hrs.)

Required in the Latin curriculum. Prerequisite: Three years of college Latin.

343. OVID, SELECTIONS FROM TRISTIA, HEROIDES, AMORES, FASTI, METAMORPHOSES. Omitted 1946-47. (4 q. hrs.)

The life and times of Ovid; Roman and Greek mythology.

Required in the Latin curriculum.

344. LATIN COMPOSITION. Omitted 1946-47. (4 q. hrs.)

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required in the Latin curriculum.

345. MEDIEVAL LATIN. Omitted 1946-47. (4 q. hrs.)

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required in the Latin curriculum.

346. CAESAR'S CIVIL WAR. Omitted 1946-47. (4 q. hrs.)

347. SELECTIONS FROM THE LETTERS OF CICERO AND PLINY. Omitted 1946-47. (4 q. hrs.)

348. THE GERMANIA AND AGRICOLA OF TACITUS. Omitted 1946-47. (4 q. hrs.)

446. ROMAN COMEDY. Omitted 1946-47. (4 q. hrs.)

447. SELECTIONS FROM MARTIAL AND CATULLUS. Omitted 1946-47. (4 q. hrs.)

448. GREEK AND ROMAN LITERATURE IN TRANSLATION. Omitted 1946-47. (4 q. hrs.)

French

130, 131, 132. FIRST YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts; conversation.

No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is conducted with the primary end in view of advancing the student's reading and conversation ability; review of grammar; exercises in composition.

Readings: Dramas of Moliere, Marivaux, Beaumarchais, and contemporaries. Subscription to French newspaper recommended.

Prerequisite: Two years of high-school French or one year of college French.

333, 334, 335. ADVANCED FRENCH. Omitted 1946-47. (4 q. hrs. for each course.)

336, 337, 338. ALTERNATE ADVANCED FRENCH. Omitted 1946-47. (4 q. hrs. for each course.)

340. METHODS OF TEACHING FRENCH. Omitted 1946-47. (4 q. hrs.)

Required in the French curriculum. Prerequisite: Three years of college French.

German

230, 231, 232. FIRST YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; practice in pronunciation and conversation; reading of Hagboldt's *Graded Texts* and *Immensee;* memorizing of poetry.

No credit for graduation for less than a year's work.

333, 334, 335. SECOND YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn,* Slezak's *Meine Samtlichen Werke,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent.

Spanish

130, 131, 132. FIRST YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

The fundamentals of grammar; drill in pronunciation and conversation; graded readings.

No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR SPANISH. Omitted 1946-47. (4 q. hrs. for each course.)

Review of grammar; exercises in composition; practice in conversation.

Readings: *Pata de Zorra* by Hugo Wast; *Easy Spanish Plays,* edited by Cano and Saenz; *Amalia* by Jose Marmol; *Introduccion a La Civilizacion Hispanoamericana* by Richard Pattee; *Maria* by Jorje Isaacs.

Prerequisite: Two years of Spanish in high school or one year in college.

233, 234, 235. ALTERNATE SECOND-YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

Exercises in grammar; practice in conversation. Readings: *Cuentos del Sur,* edited by Vazquez; *Tradiciones Peruanas* by Ricardo Palma; *Dona Clarines* and *Manana de Sol* by Serafin and Joaquin Quintero; *Short Stories and Poems of Becquer,* edited by Hendrix; *Cumanda* by Juan Leon Mera.

Prerequisite: Two years of Spanish in high school or one year in college.

333, 334, 335. ADVANCED SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is offered in connection with Spanish 230, 231, 232, or 233, 234, 235. In addition to the second-year work, students are required to make special reports on outside readings.

Prerequisite: Spanish 230, 231, 232, or 233, 234, 235.

340. METHODS OF TEACHING SPANISH. Omitted 1946-47. (4 q. hrs.)

Required in the Spanish curriculum. Prerequisite: Three years of college Spanish.

GEOGRAPHY

NOTE: Geography 120, 221, and 236 are required of students in the elementary curriculum. Geography 120, 130, 221, 233, 236, and 447 give a minor which meets the state requirements for the teaching of physical and commercial geography in high school.

120. PRINCIPLES OF GEOGRAPHY. Every quarter. (4 q. hrs.)

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for elementary school teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography, commerce, elementary, and social science curricula.

130. GEOGRAPHY OF NORTH AMERICA. Winter and spring. (4 q. hrs.)

A study of the countries of North America, with special reference to the United States, showing the geographic basis for their stages of development and commercial relations.

Required in the geography and social science curricula. Prerequisite: Geography 120.

221. CLIMATOLOGY. Winter and spring. (4 q. hrs.)

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography and elementary curricula.

231. GEOGRAPHY OF SOUTH AMERICA. Winter. (4 q. hrs.)

This course includes a study of all Latin America. It shows the geographic basis for their stages of development and for their commercial relations especially with the United States. It furnishes a background for understanding the "good neighbor" policy.

Required in the geography curriculum. Prerequisite: Geography 120, 221.

233. PHYSIOGRAPHY. Fall. (4 q. hrs.)

A study of the processes which change the surface of the earth. The course includes work in interpreting the earth's surface through the use of topographic maps. This course is recommended to those who may teach physiography or general science in high school.

Required in the geography curriculum.

236. ELEMENTS OF GEOLOGY. Spring. (4 q. hrs.)

A study of the principles and lines of reasoning by which the history of the earth and of its life forms has been learned. The course is planned to give a general, not technical, knowledge which may help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the geography and elementary curricula.

340. METHODS AND MATERIALS IN GEOGRAPHY IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

The characteristics of geography and its place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books; illustrative material and visual aids; examination and appraisal of classroom procedures.

Required in the geography curriculum.

340G. METHODS AND MATERIALS IN GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitted 1946-47. (4 q. hrs.)

343. GEOGRAPHY OF EUROPE. Winter. (4 q. hrs.)

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations; emphasis upon current problems.

Required in the geography curriculum. Prerequisite: Geography 120, 221.

345. GEOGRAPHY OF ASIA. Spring. (4 q. hrs.)

An advanced course. After a general survey of the continent, China, Japan, U.S.S.R., India, and the East Indies are studied in detail.

Required in the geography curriculum. Prerequisite: Geography 130, 231, 343.

446. URBAN GEOGRAPHY. Omitted 1946-47. (4 q. hrs.)

447. ECONOMIC GEOGRAPHY. Every quarter. (4 q. hrs.)

An advanced course for teachers of commercial geography in high school or for persons interested in studying the economic conditions which affect our daily lives. The occupational approach is followed.

Required in the geography and commerce curricula. Prerequisite: Senior college standing.

448. THE CONSERVATION OF NATURAL RESOURCES. Fall. (4 q. hrs.)

A study of problems dealing with the conservation of soil, minerals, forests, animals, and waters, with special reference to the United States.

Prerequisite: Senior college standing.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum F) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal and State aid under the Vocational Laws (formerly known as Smith-Hughes). Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 204, 232, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. COSTUME SELECTION AND PERSONALITY. Fall. (4 q. hrs.)

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Fee 50 cents.

102. ELEMENTARY NUTRITION. Winter. (4 q. hrs.)

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum.

201. CLOTHING CONSTRUCTION. Spring. (4 q. hrs.)

Fundamental principles of clothing construction and renovation.

Required in the home economics curriculum. Prerequisite: Home Economics 101. Fee 50 cents.

202. FOOD PREPARATION. Spring. (4 q. hrs.)

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required in the home economics curriculum. Prerequisite: Home Economics 102, Chemistry 130, 131. Fee $2.00.

203. ADVANCED FOOD PREPARATION. Fall. (4 q. hrs.)

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

204 (301). MEAL PLANNING AND TABLE SERVICE. Winter. (4 q. hrs.)

Selection, purchase, preparation and service of food, considering dietary standards, food habits and nutritional needs of groups. Preparation and service of food for special occasions is also considered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202, 203. Fee $2.00.

232. TEXTILES. Spring. (4 q. hrs.)

Study of weaves, yarns, fibers, and finishes with reference to selection of fabrics for clothing and the house.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201. Fee 50 cents.

245. (446b). HOUSEHOLD MANAGEMENT. Spring. (2 q. hrs.)

The principles of scientific management as applied to the home; includes a study of family finance, household buying, equipment, time and energy, and housing problems.

Required in the home economics curriculum.

246. (446a). HOME NURSING. Spring. (2 q. hrs.)

A study of the factors which determine personal health and the intelligent management of illnesses in the home.

Required in the home economics curriculum.

304. ADVANCED CLOTHING. Winter. (4 q. hrs.)

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201, 232. Fee 50 cents.

340. METHODS OF TEACHING HOME ECONOMICS. Omitted 1946-47. (4 q. hrs.)

This course deals with the principles of teaching as applied to home economics, the development of home economics curricula, and the organization and administration of homemaking departments in the public schools.

Required in the home economics curriculum.

344. NUTRITION AND DIETETICS. Spring. (4 q. hrs.)

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required in the home economics curriculum. Prerequisite: Home Economics 102; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

345. HOME MANAGEMENT HOUSE. Omitted 1946-47. (4 q. hrs.)

Experience in the practical application of the principles of household management is offered through a twelve weeks' residence period in the Home Management House.

Required in the junior year of the home economics curriculum. Prerequisite: Home Economics 245 and 204.

346. CHILD DEVELOPMENT. Winter. (4 q. hrs.)

A study of factors involved in the physical, mental, social and emotional development of children.

Required in the home economics curriculum.

347. FAMILY RELATIONSHIPS. Fall. (4 q. hrs.)

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required in the home economics curriculum.

350. CONSUMER EDUCATION. Omitted 1946-47. (4 q. hrs.)

441, 442, 443. SUPERVISED STUDENT TEACHING IN HOMEMAKING SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Induction into teaching through observation and participation in the varied activities and responsibilities of a homemaking teacher. Experience is available in both on and off-campus teaching.

Required in the home economics curriculum.

INDUSTRIAL ARTS

134. BENCH WOODWORK. Fall and winter. (4 q. hrs.)

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of woodfinishing. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00 (includes all supplies).

135. INTERMEDIATE WOODWORK. Winter and spring. (4 q. hrs.)

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134. Fee $2.00.

136. GENERAL METAL. Fall and spring. (4 q. hrs.)

This course is planned to develop manipulative skill in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, beating, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00 (includes all supplies).

150. APPLIED ELECTRICITY. Fall and winter. (4 q. hrs.)

Problems of the consumer. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, power circuits, and the repairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.50 (includes all supplies).

224. PRIMARY GRADE HANDWORK. Spring. (4 q. hrs.)

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

225. INTERMEDIATE GRADE HANDWORK. Fall. (4 q. hrs.)

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

226. SHEET METAL. Spring. (4 q. hrs.)

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00.

230. WOODWORK FOR WOMEN. Summer term only. (4 q. hrs.)

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Fee $2.00.

231. MECHANICAL DRAWING I. Fall and winter. (4 q. hrs.)

This course includes instruction in instrumental practice, lettering, sketching, geometrical construction, techniques of drafting, orthographic projection, dimensioning, auxiliary and sectional views. One class discussion and 7 hours laboratory work each week.

Required in the industrial arts and GE curricula. Fee $1.50 (includes drawing paper).

232. MECHANICAL DRAWING II. Winter and spring. (4 q. hrs.)

This course is a continuation of Industrial Arts 231 and includes the development of surfaces, pictorial drawing, treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts and GE curricula. Prerequisite: Industrial Arts 231. Fee $1.50 (includes drawing paper).

259. PRINTING I. Fall. (4 q. hrs.)

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00.

260. PRINTING II. Winter. (4 q. hrs.)

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 259. Fee $2.00.

275. WOODTURNING. Winter. (2 q. hrs.)

In this course a study is made of the operation and care of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week.

Prerequisite: Industrial Arts 134 or shop work approved by instructor. Fee $1.50.

336. MILLWORK. Fall. (4 q. hrs.)

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 135. Fee $2.00.

340. METHODS OF TEACHING INDUSTRIAL ARTS. Spring. (4 q. hrs.)

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134, 136, and 231.

345. INDUSTRIAL ARTS DESIGN. Fall. (2 q. hrs.)

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134, 136, and 232.

350. HOUSING I. Winter and spring. (4 q. hrs.)
(4 q. hrs.)

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation and insulation. A modern house is planned and sketches are prepared.

Required in the industrial arts curriculum. Fee $1.50 (includes drawing paper).

352. MACHINE METAL WORK I. Fall. (4 q. hrs.)

This course presents the basic principles of machine work as applied to the engine lathe. The operation, adjustment, care and repair of the lathe are covered. Two class discussions and six hours of laboratory work each week.

Required in the industrial arts curriculum. Fee $2.50.

354. MACHINE METAL WORK II. Winter. (4 q. hrs.)

This course covers additional fundamental principles of machine work with applied laboratory work on the drill press, milling machine, and shaper. The care and repair of these machines are included. Two class discussions and six hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 352. Fee $2.50.

355. HOUSING II. Omitted 1946-47. (4 q. hrs.)

This course is a continuation of Industrial Arts 350. A study of principles of construction is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 350. Fee $1.50 (includes drawing paper).

356. MACHINE METAL WORK III. Spring. (4 q. hrs.)

In this course the student is required to undertake the construction of a major piece of work such as a drill press, shaper, saw, or jointer. The student chooses his problem with the approval of the instructor. Eight hours of laboratory work each week.

Prerequisite: Industrial Arts 354. Fee $2.50.

361. LINOTYPE OPERATION AND MAINTENANCE. Omitted 1946-47. (4 q. hrs.)

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine. Two hours of classwork and 6 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Prerequisite: Industrial Arts 260. Fee $3.00.

363. TRAFFIC EFFICIENCY AND AUTOMOBILE DRIVING. Omitted 1946-47. (4 q. hrs.)

Because of the increased use of automobiles and the great number of automobile accidents instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts, accidents, their cause and prevention, driving regulations, the art of driving, inspection and maintenance of the automobile, and points to consider in the purchase of an automobile. Individual driving lessons are given.

Fee $2.50.

365. WOODFINISHING. Fall. (2 q. hrs.)

Preparation of wood, staining, varnishing, painting, fuming, lacquering, stenciling, and polychroming.

Required in the industrial arts curriculum. Prerequisite: Shop work approved by instructor. Fee $1.50 (includes supplies).

437. MACHINE WOODWORK. Any quarter. (4 q. hrs.)

This is a course in furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each. (Students desiring this course should make arrangements with instructor before registering.)

Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. Fee $2.00.

444. SAW FITTING. Winter. (2 q. hrs.)

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 336. Fee $1.25 (includes supplies.)

451. ORGANIZATION OF SUBJECT MATTER. Any quarter. (2 q. hrs.)

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Prerequisite: Industrial Arts 340.

457. GENERAL SHOP. Summer term only. (4 q. hrs.)

In this course considerable latitude is allowed the student to design and construct a project of his choice. Eight hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Prerequisite: Industrial Arts 136, 226, 232, and 354. Fee $2.00.

460. GAS AND ELECTRIC ARC WELDING. Winter. (4 q. hrs.)

This course is devoted to a study of the technical materials in welding and the development of skill in welding with gas, with direct current electricity, and with alternating current electricity. Two class discussions per week and six hours of drill work.

Fee $5.00.

THE USE OF THE LIBRARY

120. THE USE OF THE LIBRARY. Every quarter. (1 q. hr.)

A series of twelve lessons covering the use of the card catalog, magazine indexes, and common reference books. Students who have completed Library XI in the Teachers College High School are excused from all but the last four lessons. They should register for Library 120 (XI) given in the first four weeks of the winter quarter.

Required in all curricula.

MATHEMATICS

120. THE SCIENCE, PSYCHOLOGY, AND TEACHING OF NUMBER. Fall and winter. (4 q. hrs.)

The subject matter and technique of teaching mathematics in the first six grades.

Required in the mathematics and elementary curricula. Does not count toward graduation in other curricula.

121. MATHEMATICS IN THE UPPER GRADES. Winter and spring. (4 q. hrs.)

The subject matter of the upper grades is discussed from the standpoint of the psychological and scientific development and of its use.

Required in the elementary curriculum. Does not count toward graduation in other curricula.

130, 131. ALGEBRA AND TRIGONOMETRY. Fall, winter. (4 q. hrs. for each course.)

The usual topics of college algebra and plane trigonometry taken concurrently through two quarters.

Required in the mathematics curriculum. Prerequisite: One year or more of high school algebra.

132. SOLID GEOMETRY. Fall. (4 q. hrs.)

Required of majors and minors in mathematics who have not had solid geometry in high school. Prerequisite: Plane geometry.

133. FIELD WORK. Spring. (4 q. hrs.)

Theory and use of the slide rule, spherical trigonometry and applications to elementary celestial navigation, elementary problems in surveying, construction and use of the plane table.

Required in the mathematics curriculum. Prerequisite: Plane trigonometry.

134. ANALYTIC GEOMETRY. Spring. (4 q. hrs.)

The conic sections.

Required in the mathematics curriculum. Prerequisite: Mathematics 130, 131.

228. COLLEGE GEOMETRY. Spring. (4 q. hrs.)

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

235, 236. CALCULUS. Fall, winter. (4 q. hrs. for each course.)

An introduction to the differential and integral calculus.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

340. METHODS OF TEACHING HIGH-SCHOOL MATHEMATICS. Spring. (4 q. hrs.)

Required in the mathematics curriculum.

343. ALGEBRA. Winter. (4 q. hrs.)

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required in the mathematics curriculum. Prerequisite: Mathematics 235.

344. ANALYTIC GEOMETRY. Fall. (4 q. hrs.)

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134, 235.

345. CALCULUS. Spring. (4 q. hrs.)

A continuation of Mathematics 235, 236.

Required in the mathematics curriculum.

446, 447, 448. DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. Omitted 1946-47. (4 q. hrs. for each course.)

Half of the year is given to differential equations, the remainder to topics in advanced calculus.

Prerequisite: Mathematics 345.

MUSIC

I. Applied Music

The student majoring or minoring in music must select piano, voice, a band instrument, or an orchestral instrument as his chief performing medium. In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum on page 57.

In order to meet the needs of the music teacher the following outline of applied music is required. It shall be noted that the minimum requirements for all majors are two years of piano and one or two years of voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	12 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours
Minor	Piano	6 quar. hours
2d Minor	Voice	3 quar. hours

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice.

133, 134, 135. THE FIRST YEAR'S WORK IN APPLIED MUSIC. PIANO, VOICE, STRINGS, WOODWINDS, OR BRASSES. Every quarter. (1 q. hr. for each course.)

233, 234, 235. THE SECOND YEAR'S WORK IN APPLIED MUSIC. Every quarter. (1 q. hr. for each course.)

333, 334, 335. THE THIRD YEAR'S WORK IN APPLIED MUSIC. Every quarter. (1 q. hr. for each course.)

433, 434. THE TENTH AND ELEVENTH QUARTERS' WORK IN APPLIED MUSIC. Every quarter. (1 q. hr. for each course.)

435. SENIOR RECITAL. Spring. (1 q. hr.)
The twelfth quarter's work in applied music.

II. Class Methods of Instruction

Note: The courses under this heading are laboratory courses and require two periods a week for each quarter hour of credit.

126, 127, 128. CLASS INSTRUCTION IN PIANO. **Fall, winter, spring. (1 q. hr. for each course.)**

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in applied music. Stress is placed on the development of ability to play simple melodies and accompaniments including sight reading.

136, 137, 138. CLASS INSTRUCTION IN VOICE. **Fall, winter, spring. (1 q. hr. for each course.)**

The first year course in voice. The course includes the development of fundamental vocal techniques, an introduction to song interpretation, and attention to demonstrated methods of teaching singing. This year's work substitutes for first year voice in applied music. Voice 133, 134, 135 may be taken instead of Music 136, 137, 138 when recommended by the department.

Instrumental Class Methods. The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed. These courses may not be substituted for applied music courses.

146, 147 (236, 237). VIOLIN CLASS METHODS. **Fall, winter. (2 q. hrs. for each course.)**
Fee $1.00 for each course.

236 (336). WOODWIND CLASS METHODS—CLARINETS. **Fall. (2 q. hrs.)**
Fee $1.00.

237 (337). BRASS CLASS METHODS—TRUMPET AND HORN. **Winter. (2 q. hrs.)**
Fee $1.00.

238. VIOLONCELLO AND CONTRA-BASS METHODS. **Spring. (2 q. hrs.)**
Fee $1.00.

337 (339). BRASS AND PERCUSSION METHODS—TROMBONE, BARITONE, TUBA, AND DRUMS. **Fall. (2 q. hrs.)**
Fee $1.00.

356 (338). WOODWIND CLASS METHODS—FLUTE, OBOE, AND BASSOON. Winter. (2 q. hrs.)

Fee $1.00.

Above courses are required in the music curriculum.

III. Theory and History of Music

123, 124, 125. FIRST YEAR THEORY. Fall, winter, spring. (2 q. hrs. for each course.)

Sight-singing, theory, and dictation. A study of the elements of music—melody, harmony, and rhythm. Aural analysis of scales, chords, intervals, key relationships, melodies, and rhythms; the techniques of transferring these sounds to musical notation. Synthesis through sight-singing and simple keyboard harmony.

Required in the music curriculum. These courses meet four periods a week.

229. MUSIC APPRECIATION. Fall. (4 q. hrs.)

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many favorite selections from the great music literature are made familiar through hearing and analysis.

Required in the industrial arts curriculum.

230, 231, 232. SECOND YEAR THEORY. Fall, winter, spring. (4 q. hrs. for each course.)

Harmony. A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Required in the music curriculum. Prerequisite: Music 125.

347. ORCHESTRATION. Spring. (2 q. hrs.)

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups are required.

Required in the music curriculum. Prerequisite: Music 232.

351, 352. HISTORY AND APPRECIATION OF MUSIC. Winter, spring. (4 q. hrs. for each course.)

The first course emphasizes the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The second quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

Required in the music curriculum.

449 (338). ELEMENTARY CHORAL CONDUCTING. Fall. (2 q. hrs.)

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

Required in the music curriculum.

450. ADVANCED CONDUCTING. Winter. (2 q. hrs.)

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Required in the music curriculum. Prerequisite: Music 449.

IV. Music Education

120. INTRODUCTION TO MUSIC. Fall. (4 q. hrs.)

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the elementary curriculum.

227. MUSIC IN RURAL SCHOOLS. Summer term only. (2 q. hrs.)

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Characteristics of the child voice through the elementary school period; the off-tune singer. The rote plan, the Iowa Phonograph-Choir plan, the development of music reading, part-singing. Rhythmic development of children; singing games, folk dancing, and rhythm bands. Appreciation through listening experiences. Creative music. Review of elements of music and conducting. Music in the community. Problems of planning and supervision.

228. MUSIC IN ELEMENTARY SCHOOLS. Spring. (4 q. hrs.)

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class and made clear through observation of music teaching in the Training School.

Required in the music and elementary curricula. Prerequisite in the elementary curriculum: Music 120.

340. METHODS OF TEACHING MUSIC IN HIGH SCHOOLS. Spring. (4 q. hrs.)

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

Required in the music curriculum.

451. MUSIC SUPERVISION. Omitted 1946-47. (4 q. hrs.)

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria for evaluating music instruction. Methods of improving the music teaching of grade, rural, and high school teachers. Problems of supervision.

452. PSYCHOLOGY OF MUSIC. Omitted 1946-47. (4 q. hrs.)

A study of psychological concepts of musical factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the voice and of musical instruments.

V. Music Organizations

A music major, upon completing 12 quarter hours in the Department of Music, may register for credit in the principal organizations (Chorus, Band, Orchestra). One hour of credit is granted for one year's continuous work in each organization. A total of *nine* hours may thus be earned toward the department requirements for a major in music. A music minor, after his freshman year, may register for a total of *four* hours.

College Chorus (Choral Ensemble 256, 356, 456).

The chorus presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular choral literature. Rehearsals are held twice weekly.

Symphonic Band (Band Ensemble 256, 356, 456).

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the College. Two rehearsals are held each week.

Orchestra (Orchestra Ensemble 256, 356, 456).

The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week.

Cecilian Singers. (No credit.)

A glee club open to all women students who enjoy singing. Rehearsals are held twice weekly.

Small Ensembles. (No credit.)

Groups of vocalists or instrumentalists are organized to afford experience in small ensemble performance and to provide flexible program material. Scheduled rehearsals each week.

Recitals. (No credit.)

In addition to the senior recital in the student's major applied music field, each student is required to appear at least two times during the year on a student recital program. Valuable experience is thus gained through public performance. Attendance by all music majors and minors is required at these recitals as well as at other music events sponsored by the Department of Music. The head of the department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week, is required of all men. The courses consist in elementary work in the following activities:

- Gymnastics
- Tumbling
- Apparatus work
- Softball
- Soccer
- Basketball
- Volleyball
- Golf
- Tennis
- Touch football

At the beginning of each year a physical examination is given to all students. When abnormalities and weaknesses are disclosed by the examinations, corrective exercise and restricted activities are prescribed. The Health Service Department follows up all cases in need of medical attention.

EQUIPMENT. Each student who takes physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition. The College furnishes the student, upon the deposit of 75 cents, a locker and towels.

Professional Courses

120. SPORT TECHNIQUE IN TENNIS, GOLF, ARCHERY, AND BADMINTON. Fall. (4 q. hrs.)

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports.

Required.

121. ELEMENTARY GYMNASTICS. Winter. (4 q. hrs.)

This course includes the theory and practice of gymnastics, tumbling stunts, calisthenics, and marching. Methods of teaching these activities, care of apparatus, mats, and technique of spotting.

Required.

122. OUTDOOR RECREATIONAL SPORTS. Spring. (4 q. hrs.)

The rules, technique, and strategy of soccer, touch football, volleyball, and softball; teaching and appreciation of these sports.

Required.

226. PHYSICAL EDUCATION ACTIVITIES FOR ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Fall. (4 q. hrs.)

This course includes the study and practice of the physical education activities for the different age levels, including the organization, management, and methods in the leadership of the various activities.

Required.

227. PHYSICAL EDUCATION AND HEALTH EDUCATION IN ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Winter. (4 q. hrs.)

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students, the evaluation of various methods and procedures, and the relationship of activities to the health program.

Required.

340. METHODS AND MATERIAL FOR TEACHING PHYSICAL EDUCATION. Omitted 1946-47. (4 q. hrs.)

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required.

344. KINESIOLOGY. Spring. (4 q. hrs.)

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Anatomy 225.

347. BASKETBALL COACHING. Fall. (4 q. hrs.)

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required.

348. FOOTBALL COACHING. Winter. (4 q. hrs.)

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required.

349. TRACK AND FIELD COACHING. Spring. (4 q. hrs.)

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required.

350. BASEBALL COACHING. Spring. (4 q. hrs.)

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Fall. (4 q. hrs.)

A review of the historical background of physical education traces the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relationship of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives of physical education are considered.

452. PHYSICAL EDUCATION ADMINISTRATION AND SUPERVISION. Winter. (4 q. hrs.)

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications, the planning of courses of study, the construction, equipment, and upkeep of gymnasiums and playfields, records, interschool relationships, and the intramural program.

453. ADVANCED GYMNASTICS. Omitted 1946-47. (4 q. hrs.)

Advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, and use of the lunging belt and safety devices; organization for public demonstrations.

454. FOOTBALL AND BASKETBALL OFFICIATING. Fall. (4 q. hrs.)

The technique of officiating; study of the rules; relation of the official to the Illinois High School Athletic Association. The student officiates in intramural, junior high school, and senior high school games.

455. BASEBALL AND TRACK OFFICIATING. Spring. (4 q. hrs.)

The technique of officiating; study of the rules. In baseball the student officiates in both hard and softball games and in track he practices starting and refereeing meets.

PHYSICAL EDUCATION FOR WOMEN

Physical Education, four hours a week, is required of all students.

An annual physical examination is given to all students and the physical education requirements are adjusted to the individual.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

101. FUNDAMENTALS AND HOCKEY. Fall. (1 q. hr.)

102. FUNDAMENTALS, SOCCER AND HEALTH EDUCATION. Fall. (1 q. hr.)

103. FUNDAMENTALS AND TENNIS. Spring. (1 q. hr.)

104. FUNDAMENTALS AND ARCHERY. Summer. (1 q. hr.)

105. GOLF AND HEALTH EDUCATION FOR TEACHERS. Spring and summer. (1 q. hr.)

106. SOFTBALL, SELF-TESTING ACTIVITIES, AND HEALTH EDUCATION. Spring. (1 q. hr.)

107. FUNDAMENTALS AND BASKETBALL. Winter. (1 q. hr.)

108. RHYTHM ANALYSIS, VOLLEYBALL AND HEALTH EDUCATION. Winter. (1 q. hr.)

210. INTRODUCTION TO MODERN DANCE. Winter. (1 q. hr.)

315. OUTDOOR GAMES FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Fall. (1 q. hr.)

Required in the elementary curriculum.

316. RHYTHMS FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Winter. (1 q. hr.)

Required in the elementary curriculum.

317. INDOOR AND RECREATIONAL GAMES FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Spring. (1 q. hr.)

Required in the elementary curriculum.

318. RECREATIONAL DANCING AND HEALTH EDUCATION FOR TEACHERS. Winter. (1 q. hr.)

401. BADMINTON, ARCHERY, AND HEALTH EDUCATION FOR TEACHERS. Fall. (1 q. hr.)

Senior Physical Education

During the fall and spring quarters, seniors do four hours of physical activity on their own time. Clinics are held each week to help those who need to improve their skill in the activities they have chosen. Skill tests at the beginning and end of the quarter record improvement in skill.

Courses for Individual Needs

Courses in individual gymnastics are offered to fit the needs of those requiring special work in correctives. "Rest" classes for students whose physical condition will not permit any activity are also available.

Professional Courses

130. PLAYS, GAMES AND ACTIVITIES OF LOW ORGANIZATION. Fall. (4 q. hrs.)

Activities basic to those taught in the high school.

Required in the physical education curriculum.

131. FIRST AID AND SAFETY EDUCATION. Winter. (4 q. hrs.)

Required in the physical education curriculum.

132 (344). LEADERSHIP IN RECREATION. Spring. (4 q. hrs.)

Leadership, recreational activities, organization of girls' clubs, community recreation, playground supervision.

Required in the physical education curriculum.

233 (454). TECHNIQUE OF SOCCER, SPEEDBALL, AND ARCHERY. Fall. (4 q. hrs.)

Required in the physical education curriculum.

234 (450). TECHNIQUE OF BASKETBALL AND VOLLEYBALL. Winter. (4 q. hrs.)

Required in the physical education curriculum.

235. THEORY OF PRESCRIBED EXERCISE. Spring. (4 q. hrs.)

Study and practice of posture examination and remedial posture measures in the school program.

Required in the physical education curriculum. Prerequisite: Anatomy 225, Physical Education 244.

244. KINESIOLOGY. Winter. (4 q. hrs.)

Body mechanics in relation to posture, sports, dancing and everyday activities.

Required in the physical education curriculum. Prerequisite: Anatomy 225.

341. TECHNIQUE OF HOCKEY AND BADMINTON. Fall. (4 q. hrs.)

Required in the physical education curriculum.

343. TECHNIQUE OF SOFTBALL AND TENNIS. Spring. (4 q. hrs.)

Required in the physical education curriculum.

345. PHYSICAL EDUCATION ACTIVITIES FOR THE RURAL SCHOOL. Summer term only. (4 q. hrs.)

346. THE DANCE IN EDUCATION. Winter. (4 q. hrs.)

Dance as an art. The teaching of the dance in the public school system.

Required in the physical education curriculum. Prerequisite: Music 120 and Physical Education 210.

347. HEALTH ACTIVITY PROJECTS FOR THE ELEMENTARY GRADES. Summer term only. (4 q. hrs.)

450. PROBLEMS IN PHYSICAL EDUCATION. Omitted 1946-47. (4 q. hrs.)

Current trends in the field of health, physical education, and recreation. To include methods of teaching, evaluation of performance in activities, and any other material related to current tendencies in the field including the extra-curricular functions of the teacher of physical education.

Required in the physical education curriculum.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Omitted 1946-47. (4 q. hrs.)

Interpretation, objectives, and history of physical education in its relationship to other phases of education.

Required in the physical education curriculum.

456. ORGANIZATION AND ADMINISTRATION OF A PHYSICAL EDUCATION PROGRAM. Omitted 1946-47. (4 q. hrs.)

Required in the physical education curriculum. Prerequisite: Physical Education 451.

458. OBJECTIVES OF PHYSICAL EDUCATION AND ADMINISTRATION OF THE PROGRAM. Spring. (4 q. hrs.)

Required for a minor in physical education. No credit toward a major in physical education.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. HYGIENE AND SANITATION. Every quarter. (4 q. hrs.)

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

Required in all curricula.

345. PHYSIOLOGY. Spring. (4 q. hrs.)

A study of the basic physiological principles is followed by experimental studies of muscle-nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Anatomy 225.

346. PHYSIOLOGY. Omitted 1946-47. (4 q. hrs.)

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345.

II. Botany

Botany 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120. GENERAL BOTANY. Fall. (4 q. hrs.)

A course designed to give the student a knowledge of the fundamental life processes concerned in the growth of plants; the manufacture of the foods by green plants that are essential for all plants and animals; the structure of leaves, stems, and roots in sufficient detail to understand the processes that result in growth and the effect of environment upon these processes.

Required in the botany, home economics, and zoology curricula. Fee $1.00.

121. GENERAL BOTANY. Winter. (4 q. hrs.)

This is a study of the reproductive phase of plant life; a study of the reproduction of flowering plants leading to the formation of seeds and fruits; the mechanism of heredity and the quality of hybrids. The last part of the work gives the student the opportunity of surveying the natural groups of the plant kingdom with their development and environmental relationships and their economic significance.

Required in the botany and zoology curricula. Prerequisite: Botany 120. Fee $1.00.

122. GENERAL LOCAL FLORA AND PLANT ECOLOGY. Spring. (4 q. hrs.)

An introduction to the geographic and physiographic ecology of North America; the identification of trees in winter and summer condition, of the fresh water algae, liverworts, mosses, ferns, and herbaceous flowering plants and shrubs as the season advances, with a study of the structures essential for the recognition of these plants.

This course is of special value for those who will teach biological science in the secondary schools or nature study in the elementary schools, and for those who want to know plants and how to name them.

Required in the botany and zoology curricula. Prerequisite: Botany 120 and 121, or permission of the instructor.

230. THE MORPHOLOGY OF GREEN PLANTS. Fall. (4 q. hrs.)

A study of the vegetative and reproductive structures of the green plants, algae, liverworts, mosses, ferns and fern allies, conifers and flowering plants, and a comparative study of their typical life histories. Many specimens of these groups are available and a special effort is made to have living plants for class study. A superior collection of microscopic and lantern slides is available for the demonstration of all structures.

Required in the botany curriculum. Prerequisite: Botany 120 and 121. Fee $1.00.

231. AN INTRODUCTION TO FUNGI AND PLANT DISEASES. Winter. (4 q. hrs.)

The structure, life histories, and physiology of the groups of fungi (non-green plants) and their relation to decay, fermentation, and the important plant diseases, with methods of control especially for those causing disease. There are available comprehensive collections of fungi and microscopic slides for the demonstration of the structures of the various types of fungi.

Required in the botany curriculum. Prerequisite: Botany 120 and 121. Fee $1.00.

232. ECONOMIC BOTANY. Spring. (4 q. hrs.)

A study of the methods of plant propagation, the control of the life processes and regulation of the plant's environment for greater economic return as practiced in agriculture and industry; the effect of environmental factors on vegetation centers which have become crop centers; the production of carbohydrates, fats, fibers, lumber, spices, drugs, and other plant products as they occur in world trade. There are field trips to some of the more important industrial concerns using plants or plant products.

Required in the botany curriculum. Prerequisite: Botany 120 and 121.

235. MICROBIOLOGY. Winter and spring. (4 q. hrs.)

A study of the occurrence, numbers, distribution, isolation, and culture of bacteria and other fungi; the microbiology of foods, water, and sewage; the use of microorganisms for the production of foods and other economic products.

Required of home economics majors and in GN, GT, and GH curricula. Recommended as a unit for a botany minor. Prerequisite: Botany 120 and a year of chemistry. Fee $1.00.

300. THE SCIENCE OF PLANT LIFE. Summer term only. (4 q. hrs.)

A course designed for senior college students in any curriculum who have not had the opportunity of a laboratory course in the biological sciences. Everyday phenomena of plant life are used as illustrative material. It is planned to acquaint the elementary and high school teacher with the importance of plants in human affairs as an aid in acquiring an appreciation of one's environment.

Prerequisite: Junior or senior standing. This course may not be used as a part of a laboratory science. Only open to juniors and seniors who have not had courses in either botany or zoology.

340. METHODS OF TEACHING BOTANY. Winter. (4 q. hrs.)

This is a study of the methods of teaching high school botany and the part it takes in the biological science taught in high schools. A part of the training is the collection and preparation of material and the setting-up of experiments used in the teaching of high school classes.

Required of botany majors and as a prerequisite to practice teaching. Prerequisite: Two years' work in college botany. A year of zoology is desirable.

343. MICROTECHNIC. Winter. (4 q. hrs.)

A course designed to give the student the opportunity of learning the techniques of the preparation of microscopic slides for use in teaching: fresh sections, temporary slides, permanently stained slides, and serial sections. The student can make enough microscopic slides of good quality to use as teaching aids in teaching high school classes. It is desirable that students shall have had a year of chemistry.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122, and 230 or its equivalent. Fee $1.00.

344. EXPERIMENTAL PLANT PHYSIOLOGY. Fall. (4 q. hrs.)

A qualitative and quantitative study by experiments and demonstrations of the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth and culture of plants.

Required in the botany curriculum. Prerequisite: Botany 120 and 121 and one year of chemistry. Fee $1.00.

345. ADVANCED BOTANY. Any quarter. (4 q. hrs.)

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Prerequisite: Five quarters of botany and the instructor's permission.

346. PLANT ANATOMY AND WOOD IDENTIFICATION. Spring. (4 q. hrs.)

A critical study of the development of the tissues of leaves, stems, and roots of seed plants; the origin and differentiation of tissues and organs; the common ecological variations and hereditary types of structures; the anatomy of woods, and ways of identifying the common commercial woods.

Required in the botany curriculum. Prerequisite: Botany 120, 121 and 122. Fee $1.00.

III. Zoology

Zoology 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

The other courses in the department cater to the special requirements of other fields or give detailed knowledge of the field of zoology for those who desire to make it their major or minor interest or who may wish to go on to graduate work.

120. ANIMAL BIOLOGY. Fall. (4 q. hrs.)

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Fee $1.00.

121. ANIMAL BIOLOGY. Winter. (4 q. hrs.)

This course is concerned with the various types of reproduction in animals, with genetics and eugenics, and with fundamentals of classification.

Prerequisite: Zoology 120 or equivalent. Fee $1.00.

122. ANIMAL BIOLOGY. Spring. (4 q. hrs.)

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, economic importance and evolution are considered. Students enrolled in this course must either buy or rent a set of dissecting instruments.

Fee $1.00.

123. NATURE STUDY. Summer term only. (4 q. hrs.)

The aim of this course is to give a background for the teaching of nature study in the grades. The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

124. NATURE STUDY. Summer term only. (4 q. hrs.)

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter. Much of the work is done in the field.

125. NATURE STUDY. Summer term only. (4 q. hrs.)

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

170. ANATOMY. (8 q. hrs.)

A course offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

225. ANATOMY. Every quarter. (4 q. hrs.)

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Fee $1.00.

226. ECONOMIC ENTOMOLOGY. Spring. (4 q. hrs.)

A basic study of the structure, life histories and methods of control, followed by specific studies, of the common insect pests found in Illinois.

Required in the GA curriculum. Fee $1.00.

227. PARASITOLOGY. Omitted 1946-47. (4 q. hrs.)

The fundamentals of the study of animal parasites, considering means of identification, life histories, and methods of control of the more common parasites.

Recommended as an elective in the GT curriculum. Fee $1.00.

230, 231, 232. VERTEBRATE ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology 232, with birds and mammals.

Required in the zoology curriculum; recommended for zoology minors. Prerequisite: Zoology 120, 121. Fee $1.00 for each course.

236. GENETICS. Omitted 1946-47. (4 q. hrs.)

A study of the basic laws of heredity and variation; the Mendelian laws of heredity applied to animals and to man.

340. METHODS OF TEACHING ZOOLOGY. Spring. (4 q. hrs.)

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required in the zoology curriculum.

343, 344, 345. ADVANCED ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied.

Required in the zoology curriculum. May be used as the second year of a minor. Prerequisite: Zoology 120, 121, 122. Fee $1.00 for each course.

346. EMBRYOLOGY. Fall. (4 q. hrs.)

A study of the development of vertebrate animals, including such subjects as formation of germ cells, maturation, fertilization, growth and cellular differentiation, and heredity. Studies of the frog, chick and pig are included in the laboratory assignments. Lectures include a study of human embryology. Designed especially for students in GM and GN curricula and majors in zoology.

Prerequisite: One year of zoology and consent of the head of the department. Fee $1.00.

446. MICROTECHNIC. Any quarter, by arrangement. (4 q. hrs.)

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Prerequisite: Two years of zoology and permission of the instructor. Fee $1.00.

447. ANIMAL BEHAVIOR. Any quarter, by arrangement. (4 q. hrs.)

Theoretical and experimental studies of the reactions of animals to various stimuli.

Prerequisite: Two years of zoology and permission of the instructor.

448. ANIMAL ECOLOGY. Any quarter, by arrangement. (4 q. hrs.)

A study of various animal associations and the effects of environmental conditions.

Prerequisite: Two years of zoology and permission of the instructor.

449. SPECIAL PROBLEMS IN ZOOLOGY. Any quarter. (4 q. hrs.)

An advanced course for those interested in studying some special problem in the zoology field. The work is done independently with advice of the instructor.

Prerequisite: Three years of zoology and permission of the instructor. Fee $1.00.

IV. Biology

126, 127, 128. GENERAL BIOLOGICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the elementary curriculum. Does not count as part of a minor in botany or zoology. Fee $1.00 for each course.

129. ELEMENTARY SCIENCE. Summer term only. (4 q. hrs.)

A course planned to acquaint the teacher with content suitable for an elementary science course and with the technique of the unit method which is recommended in bulletins on the elementary curriculum issued by the Illinois State Department of Instruction. Offered at varying grade levels with the co-operation of the grade critic.

PHYSICAL SCIENCE

I. Chemistry

Chemistry 130, 131, and 132 are cultural courses in that they help the student to understand the physical world in which we live and the effect of chemical progress on our daily lives. They satisfy the core curriculum requirement for a year of laboratory science.

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345), 4. Physical chemistry (446, 447, 448).

Chemistry minors should elect Chemistry 130, 131, 132 and a second year's work in analytical or organic chemistry. This may be a combination, such as Chemistry 343, 344, 235; 343, 344, 212; or a year's sequence of either.

Chemistry majors are required to elect Chemistry 450 (one quarter) unless Chemistry 446, 447 and 448 are elected.

A breakage fee of $3.00 is charged for laboratory courses in chemistry. The unused portion is returnable at the end of the course.

130*, 131*, 132. ELEMENTARY CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

A general cultural course providing an introduction to the basic fundamentals and principles of chemistry; the common metals and nonmetals, the simpler organic compounds, and an introduction to qualitative analysis of metals.

Required in the chemistry, physics, botany, and zoology curricula and accepted as a year of laboratory science in other curricula.

150, 151, 152. GENERAL CHEMISTRY. Omitted 1946-47. (4 q. hrs. for each course.)

A more detailed course than Chemistry 130, 131, 132 for students who have had chemistry in high school.

170. ELEMENTARY CHEMISTRY. (3 q. hrs.)

A course in elements of chemistry offered in extension to nurses in training at Lakeview Hospital, Danville, Ill. Recitations and laboratory.

*Chemistry 130 and 131 required in winter and spring for Home Economics majors.

210, 211. ORGANIC CHEMISTRY FOR MAJORS IN HOME ECONOMICS AND PRE-NURSING. Fall, winter. (4 q. hrs. for each course.)

An introductory course emphasizing the basic principles of organic reactions. The chemistry of the simpler aliphatic and aromatic compounds; carbohydrates; lipids; proteins; dyes and drugs.

Required in the home economics and GN curricula. Prerequisite: Chemistry 130, 131.

212. BIOCHEMISTRY. Spring. (4 q. hrs.)

A course emphasizing the chemistry of food materials and life processes.

Required in the home economics curriculum. Prerequisite: Chemistry 210, 211; or Chemistry 343, 344.

233. QUALITATIVE ANALYSIS. Fall. (4 q. hrs.)

The systematic analysis of metallic and non-metallic ions by semimicro methods, and the study of the principles involved in their separation and identification. Emphasis is placed on an understanding of the chemistry involved rather than on the techniques of analysis.

Required in the chemistry curriculum. Prerequisite: Chemistry 130, 131; 132; Physics 130 or simultaneous registration therein.

234. QUALITATIVE AND QUANTITATIVE ANALYSIS. Winter. (4 q. hrs.)

A continuation of Chemistry 233 for the first half of the term. The second half of the term is devoted to the calibration of quantitative apparatus.

Required in the chemistry curriculum. Prerequisite: Chemistry 233.

235. QUANTITATIVE ANALYSIS. Spring. (4 q. hrs.)

The principles and techniques of volumetric and gravimetric analysis.

Required in the chemistry curriculum. Prerequisite: Chemistry 130, 131, 132.

300. PHOTOGRAPHY. Winter. (4 q. hrs.)

The general theory and use of the camera, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition. Experiments are assigned in accordance with experience and ability.

Prerequisite: One year of college laboratory science and a camera.

Note: This course does not count toward a major or minor in chemistry.

301. ADVANCED PHOTOGRAPHY. Omitted 1946-47. (4 q. hrs.)

340. METHODS OF TEACHING CHEMISTRY. Spring. (4 q. hrs.)

Required in the chemistry curriculum.

343, 344, 345. ORGANIC CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

The aliphatic and aromatic series and the theories of organic chemistry.

Required in the chemistry, GM, GD, GT, and GA curricula. Prerequisite: Chemistry 130, 131; Chemistry 132 or simultaneous registration.

360. CHEMISTRY OF COLLOIDAL SUBSTANCES. Omitted 1946-47. (4 q. hrs.)

A study of the preparation, properties and uses of the major classes of colloidal materials and their applications to the biological sciences, to medicine, and to industry.

Prerequisite: Two years of college chemistry, and consent of the instructor.

446. INTRODUCTION TO PHYSICAL CHEMISTRY. Fall. (4 q. hrs.)

A study of the gas laws, liquids, solutions, colloidal phenomena, chemical equilibrium, etc.

Prerequisite: Chemistry 235, 343, 344; Physics 130, 131, 132.

447, 448. PHYSICAL CHEMISTRY. Winter, spring. (4 q. hrs. for each course.)

A continuation of Chemistry 446. An extension of the fundamental principles governing chemical change, including thermodynamics, phase rule, chemical kinetics, electrochemistry, nuclear structure, etc.

Prerequisite: Chemistry 446; Mathematics 235, 236.

450, 451, 452. ADVANCED CHEMISTRY. Every quarter. (4 q. hrs. for each course.)

Laboratory technique, maintenance and repair of apparatus and use of chemical literature are developed by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department.

Chemistry 450 is required of all chemistry majors unless Chemistry 446, 447, 448 are elected. Prerequisite: Senior standing in chemistry and consent of the head of the department.

II. Physics

The courses to be offered in 1946-47 will be selected according to the demand.

130, 131, 132. FIRST YEAR OF COLLEGE PHYSICS. 132, Fall and spring; 130, Fall and winter; 131, Winter and spring. (4 q. hrs. for each course.)

Physics 130, mechanics; 131, heat, light, and sound; 132, magnetism and electricity and modern physics.

Required in the physics curriculum. Acceptable as a year of laboratory science in any curriculum. Preferably these courses should be taken in the order listed but may be taken in any order.

236. LIGHT. Spring. (4 q. hrs.)

Photometry and illumination problems; prisms and lenses and their uses in optical instruments; interference phenomena; spectra and color; polarized light; ultra-violet and infrared.

Prerequisite: General physics.

237. ELECTRICITY AND MAGNETISM. Winter. (4 q. hrs.)

Circuit analysis for A. C. and D. C. circuits; distribution of electricity; characteristics of transformers and motors; single and polyphase currents; uses of inductance and capacitance in circuit controls; special uses of electricity in industry; magnetic circuit and properties of magnetic materials.

Prerequisite: Physics 132. Recommended for industrial arts majors.

238. SOUND. Winter. (4 q. hrs.)

Physical principles of production and control of sound; the applications of principles to music and musical instruments; hearing; a brief introduction to architectural acoustics; summary of modern methods of analysis. Most of the laboratory time is devoted to demonstrations and group projects.

Prerequisite: General physics or music.

322. HOUSEHOLD PHYSICS. Spring. (4 q. hrs.)

A course for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home.

335. MECHANICS. Spring. (4 q. hrs.)

Basic laws of forces and motion; applications in engineering; energy and its transformation; properties of matter.

Required of physics majors. Recommended for mathematics majors. Prerequisite: Physics 130, Mathematics 235, 236.

339. HEAT AND THERMODYNAMICS. Fall. (4 q. hrs.)

Thermometry; expansion; changes of state; colorimetry; heats of combustion; heat transfer; gas laws; mechanical relations and heat engines; adiabatic transformation; special application in refrigeration, air conditioning, and weather.

Required of physics majors. Prerequisite: Physics 130, 131, 132, and Mathematics 235, 236.

340. METHODS OF TEACHING PHYSICS. Fall. (4 q. hrs.)

Required in the physics curriculum.

343. ELEMENTS OF ELECTRONICS. Fall. (4 q. hrs.)

Principles of vacuum tube operations; types of tubes and their special uses; power supply; amplifier circuits; oscillators; tuned circuits; tube control circuits and their uses. This course is intended to provide the background for understanding the principles and uses of electronic control equipment found in industry and also as a basis for Physics 345.

344. ELECTRICAL MEASUREMENTS. Omitted 1946-47. (4 q. hrs.)

Current and ballistic galvanometers; bridge and vacuum tube circuits; measurement of resistance, inductance, and capacitance;

the potentiometer; magnetic measurements; the oscilloscope used as a meter; photo-electric instruments; thermo-couples. An all-laboratory course.

Prerequisite: Physics 132.

345. RADIO. Winter. (4 q. hrs.)

Principles of radio communication; typical radio receiver circuits; properties and functions of major components of radio sets; characteristics of radio waves and their application in A.M., F.M. and television; amplifiers, and public address systems; properties and uses of micro-waves.

Prerequisite: Physics 243.

470. ELECTRON PHYSICS. Fall. (4 q. hrs.)

Electrical discharge in gases, electron beams, and associated radiations; high voltage generators; production and uses of X-rays; the electron microscope; the betatron; photo-electricity; Einstein radiation-energy equation.

Prerequisite: Physics 243.

471. ATOMIC PHYSICS. Winter. (4 q. hrs.)

The mass spectrograph; radio-activity and radio-active transformations; the cyclotron; the cloud chamber and ionizing radiations; the Geiger counter and associated equipment; cosmic rays; atomic energy.

Prerequisite: Physics 243.

472. PHYSICS PROBLEMS. Omitted 1946-47. (4 q. hrs.)

Selected problems based on the student's previous training and interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference.

III. Physical Science

100, 101, 102. PHYSICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

A survey course in chemistry and physics.

Required in the elementary curriculum. Elective in other curricula as a year of laboratory science. Not counted toward a minor in chemistry or physics. Fee $1.00 for each course.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 354, 355, 356 or 453, 454, 455; 340.

Requirements for a minor: Social Science 233, 234, 235 and any other year's sequence in social science.

137. GREEK HISTORY WITH ITS ORIENTAL BACKGROUNDS. Fall and winter. (4 q. hrs.)

This course includes a brief survey of Egypt and the Fertile Crescent area, culminating in an optional trip to Chicago's Oriental Institute. The main body of the course is devoted to Greek history, as follows: Aegean backgrounds and early Greek life; the Formative Age; Hellenic history and achievements; the Hellenistic world and its influence on the Roman Empire.

Required in the social science, foreign language, and elementary curricula.

138. ROMAN HISTORY. Winter. (4 q. hrs.)

A survey course in the history of ancient Rome and of the Roman Empire, as follows: rise of the Roman Republic and conquest of the world; a century of revolution; the Establishment and the two centuries of peace; military rule and internal conflicts of the third century; the Autocracy and the declining empire; the eve of the Middle Ages.

Required in the social science, foreign language, and elementary curricula.

139. MEDIEVAL HISTORY, A. D. 500 to 1500. Fall and spring. (4 q. hrs.)

This course surveys the changing patterns of life in the Middle Ages. Main topics include: continuing influence of the Roman Empire; the High Middle Ages; the decline of medieval institutions and the emergence of modern times. Late in the course there is an optional trip to St. Louis to study exhibits which illustrate the art and ideas of the medieval period.

Required in the social science, art, and elementary curricula.

170. SOCIOLOGY. (4 q. hrs.)

A modification of the material of Social Science 453 offered in extension to nurses in training at Lakeview Hospital, Danville, Ill.

233. HISTORY OF THE UNITED STATES TO 1840. Fall. (4 q. hrs.)

Survey of colonial history. The independence movement. The framing and adoption of the Constitution. The growth of American nationality. Western development and Jacksonian democracy.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

234. HISTORY OF THE UNITED STATES, 1841 TO 1898. Winter. (4 q. hrs.)

Manifest Destiny and the slavery controversy. The Civil War and Reconstruction. The new industrial society and the agrarian movement.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

235. HISTORY OF THE UNITED STATES SINCE 1898. Spring. (4 q. hrs.)

The War with Spain. The United States as a World Power. The growth of industry and the progressive movement. The First World War. Postwar problems. Depression and the New Deal. The Second World War.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

240. METHODS AND MATERIALS IN THE SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. Omitted 1946-47. (4 q. hrs.)

Elective in the elementary curriculum.

256. RURAL SOCIOLOGY. Summer term only. (4 q. hrs.)

330. CONSUMER ECONOMICS. Winter and spring. (4 q. hrs.)

Required in the industrial arts and home economics curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

To prepare students for work in the social studies classrooms. The course is divided into three parts: aims or objectives of social studies teaching; nature and scope of social studies materials; methods employed in teaching the social studies. Attention is centered on the analysis, evaluation, and application of methods. Techniques for appraising and selecting textbooks and other teaching aids receive attention.

Required in the social science curriculum.

343. HISTORY OF ENGLAND TO 1603. Fall. (4 q. hrs.)

Early settlement of the British Isles; Roman occupation, Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

Required in the English curriculum.

344. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO 1830. Winter. (4 q. hrs.)

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum.

345. HISTORY OF THE BRITISH EMPIRE SINCE 1830. Spring. (4 q. hrs.)

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the first World War and its consequence; the Empire faces its greatest test in the second World War.

Required in the English curriculum.

346. HISTORY OF EUROPE, 1500 TO 1789. Fall. (4 q. hrs.)

Renaissance and Reformation. Dominance of Spain and France. Commercial Revolution. Second Hundred Years' War.

Required in the social science curriculum.

347. HISTORY OF EUROPE, 1789 TO 1871. Winter. (4 q. hrs.)

French Revolution and Napoleonic Era. Age of Metternich. Industrial Revolution. Unification of Italy and Germany.

Required in the social science curriculum.

348. HISTORY OF EUROPE, 1871 TO PRESENT. Spring. (4 q. hrs.)

Europe before 1914. Origins of World War I. Treaty of Versailles and origins of World War II. Problems of present-day reconstruction.

Required in the social science curriculum.

349. LATIN-AMERICAN HISTORY TO 1830. Fall. (4 q. hrs.)

A survey of the period of exploration and settlement of the Spanish and Portuguese empires in the western world. Colonial development. The era of revolution and independence. The relationships between the Latin-American colonies and nations with the English colonies and the United States.

350. LATIN-AMERICAN HISTORY SINCE 1830. Winter. (4 q. hrs.)

Political, economic, and cultural developments south of the Rio Grande. The relationships between the Latin-American republics and the United States. Emphasis on the Monroe Doctrine, the Pan-American Union, and the "Good Neighbor" policy.

351. HISTORY OF CANADA. Spring. (4 q. hrs.)

The settlement of French Canada. French colonial development. The conquest of French Canada by the British. The change from colonial Canada to the Dominion. Political, economic and cultural growth of Canada as a part of the British Empire. The relationships between Canada and the United States. Emphasis on cooperation between the two countries.

354. PRINCIPLES OF ECONOMICS. Fall. (4 q. hrs.)

Economic characteristics of modern society. Economic organizations. Value and price determination.

Required in the commerce curriculum.

355. PRINCIPLES OF ECONOMICS. Winter. (4 q. hrs.)

Money and banking. The business cycle. International trade. Rent, interest, wages, and profit.

Required in the commerce curriculum.

356. PRINCIPLES OF ECONOMICS. Spring. (4 q. hrs.)

Government regulation of business. Public finance. Co-operatives, socialism, communism, and fascism. Selected economic problems.

Required in the commerce curriculum.

363. STATE GOVERNMENT. Fall. (4 q. hrs.)

A study of the structure and functions of the government of the state with particular attention to the government of Illinois.

Required in the social science curriculum.

364. LOCAL GOVERNMENT. Winter. (4 q. hrs.)

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units.

Required in the social science curriculum.

365. THE NATIONAL GOVERNMENT. Spring. (4 q. hrs.)

A study of the structure and functions of the national government of the United States. The Constitution of the United States is examined in detail.

Required in the social science curriculum.

366. POLITICAL PARTIES AND POLITICS. Omitted 1946-47. (4 q. hrs.)

A study of the development, organization, functions, and significance of political parties in the United States.

367. INTERNATIONAL RELATIONS OF THE UNITED STATES. Omitted 1946-47. (4 q. hrs.)

A study of the place of the United States in the world community. The development of the machinery and spirit of international cooperation.

453. THE COMMUNITY AND SOCIETY. Fall. (4 q. hrs.)

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum.

454. PRINCIPLES OF SOCIOLOGY. Winter. (4 q. hrs.)

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture, and the social organization, social control, and social reform.

455. SOCIAL PROBLEMS AND SOCIAL TRENDS. Spring. (4 q. hrs.)

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

SPEECH

Requirements for a minor: Speech 130, 132, 244, 331, 345, 433.

130. FUNDAMENTALS OF SPEECH. Fall. (4 q. hrs.)

Content, language, voice, and action in student projects, including introductions, social conversations, telephone conversations, interviews, conferences, discussions, and extempore dramatics.

Required in the speech curriculum.

132. VOICE AND DICTION. Spring. (4 q. hrs.)

Instruction and practice in breathing, relaxation, tone production, rhythm, inflection, and enunciation.

Required in the speech curriculum.

135 (235). CHORIC SPEECH. Winter. (4 q. hrs.)

Choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required in the speech curriculum.

244 (444). PLAY PRODUCTION. Winter. (4 q. hrs.)

Instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required in the speech curriculum.

246 (346). EVOLUTION OF ORATORY. Spring. (4 q. hrs.)

Analyses are made of various types of model speeches at different periods with emphasis on the present. Practice in composing and delivering original orations.

Required in the speech curriculum.

331. DISCUSSION AND DEBATE. Winter. (4 q. hrs.)

Principles and participation in class discussions and debates on subjects of current interest.

Required in the speech curriculum.

335. ORAL READING. Spring. (4 q. hrs.)

Interpretation and oral reading of poetry and prose; includes composition analysis, kinds and levels of meaning, directness, communicativeness, phrasing, inflection, emphasis, climax, melody, rhythm, meter, and bodily responsiveness.

Required in the speech curriculum.

345. PUBLIC SPEAKING. Every quarter. (4 q. hrs.)

This course gives actual practice in speaking before a group. The problems of choosing subjects, gathering material, and composing speeches, as well as delivering them effectively, are studied.

Required in all curricula.

431 (131). CREATIVE DRAMATICS. Spring. (4 q. hrs.)

Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented.

Required in the speech curriculum.

433. SPEECH CORRECTION. Fall. (4 q. hrs.)

Recognition, prevention, and treatment of disorders of articulation, voice, and rhythm. The individual psychology of the speech-handicapped person is emphasized.

Required in the speech curriculum.

434. ADVANCED SPEECH CORRECTION. Winter. (4 q. hrs.)

Observation and supervised treatment of children who have various types of speech defects.

Required in the speech curriculum. Prerequisite: Speech 433.

445. ADVANCED PLAY PRODUCTION. Fall. (4 q. hrs.)

Advanced technical studies and experience in stagecraft and directing

Required in the speech curriculum.

IV. LISTS

SUMMARY OF ATTENDANCE

Twelve Months Ending June 1, 1946

	Men	Women	Total	Total
Eight Weeks' Summer Term, 1945	36	149	185	
Six Weeks' Summer Term, 1945	3	62	65	250
Extension Students, (**Summer, 1945**)				
Campus Workshop (3 weeks)		16	16	
Campus Refresher Course (3 weeks)	2	20	22	
Fairfield Workshop (3 weeks)	4	58	62	
	6	94	100	100
Regular School Year—September 10, 1945 to June 5, 1946:				
Teachers College				
Seniors	41	41	82	
Juniors	59	49	108	
Sophomores	57	88	145	
Freshmen	225	145	370	
Post-Graduates	4	2	6	
Special Students	1	1	2	
Total in College	387	326	713	
Extension Students (exclusive of duplicates)	63	314	377	
High School:				
Twelfth Year	18	22	40	
Eleventh Year	20	27	47	
Tenth Year	16	29	45	
Ninth Year	19	26	45	
Total in High School	73	104	177	
Total above Eighth Grade	523	744	1,267	
Elementary Training School	116	124	240	
Total for the Regular Year	639	868	1,507	1,507
Total for the twelve months ending June 5, 1946				1,857
Counted twice (College only)	15	40	55	55
Grand Total of Students and Pupils				1,802

COUNTIES REPRESENTED—YEAR 1945-46

Bond
Champaign
Christian
Clark
Clay
Clinton
Coles
Cook
Crawford
Cumberland
Douglas
DuPage
Edgar
Edwards
Effingham
Fayette
Hamilton
Iroquois
Jasper
Jefferson
JoDaviess
Kankakee
Lake
LaSalle
Lawrence
Livingston
Logan
McHenry
McLean
Macon
Macoupin
Madison
Marion
Montgomery
Moultrie
Piatt
Randolph
Richland
St. Clair
Sangamon
Shelby
Vermilion
Wabash
Wayne
White
Will
Williamson

OTHER STATES REPRESENTED

California
Indiana
Kentucky
Massachusetts
Minnesota
New Mexico
Ohio
Oklahoma
Pennsylvania
Tennessee

NATIONAL HONORARY FRATERNITIES MEMBERSHIP

GAMMA THETA UPSILON

Gloria Elizabeth Anderson	Junior	Windsor
Edith Levitt Barnes	Senior	Charleston
Elizabeth Ruth Baughman	Sophomore	Edwardsville
Jessie Rosella Cameron	Senior	St. Elmo
Lawrence Martin Deverick	Senior	Charleston
Lennie Gray	Senior	Brocton
Elva Dean Jenkins	Sophomore	Newton
Wendell Albert Lathrop	Junior	Sumner
Harvey Wilford Pulliam	Senior	Newton
Theresa Mathilda Reiss	Senior	Ramsey
Ola Beatrice Seeley	Senior	Shumway
Ruth Evelyn Shawver	Junior	Charleston
Charlotte June Simmonds	Senior	Danville
Lee Horsley Taylor	Senior	Garrett
Elizabeth Ann Van Meter	Senior	Greenville
Ruth Marie Wiseman	Junior	Charleston

KAPPA PI

Betty Grace Elliott	Junior	Greenville, Tennessee
Marian Elizabeth Fitzgibbons	Junior	Sullivan
Wilma Jean Schahrer	Junior	Olney

EPSILON PI TAU

Richard Pierce Frommel	Senior	Charleston

PI KAPPA DELTA

Marianne Bower	Sophomore	Bushton
Gwendolyn Grace Clark	Junior	Chrisman
Betty Grace Elliott	Junior	Greenville, Tennessee
Charles Earl Weaver	Senior	Charleston

PI OMEGA PI

Mary Joan Coon	Senior	Brocton
Mary Eloise Dickerson	Junior	West Union
Charlotte Mary Fisher	Senior	Charleston
Norma Jean Garrett	Junior	Windsor
James Francis Giffin	Senior	Casey
Viola Esther Huelskoetter	Senior	Altamont
Eileen Pauline Schutte	Junior	Sigel
Mary Jo Searby	Senior	Browns
Donald Leroy Shawver	Junior	Charleston
Alice Louisa Sheets	Senior	Metcalf

KAPPA DELTA PI

Mary Joan Coon	Senior	Brocton
Luella Day	Senior	Charleston
James Francis Giffin	Senior	Casey
Melvina Jo Refine	Senior	Springfield
Mary Jo Searby	Senior	Browns
Donald Leroy Shawver	Junior	Charleston

THETA ALPHA PHI

Naida Rae Bush	Junior	Loogootee
Betty Allen Gresham	Senior	Salem
Melvina Jo Refine	Senior	Springfield
James Hayden Roberts	Senior	Charleston

SIGMA TAU DELTA

Eleanor Joan Brannah	Senior	Charleston
Benjamin Frank Day	Senior	Charleston
Luella Day	Senior	Charleston
Wilma Irene Guthrie	Sophomore	Sidell
Shirley Jean Middlesworth	Sophomore	Charleston
Carolyn Jean Shores	Junior	Mattoon

KAPPA MU EPSILON

Lyle Lester Knott	Junior	Charleston
Norma June Lathrop	Sophomore	Sumner
Marian Pearce Mills	Sophomore	Palestine
Edward Dean Wilson	Junior	Mattoon

DEGREE GRADUATES

1945

NAME	POSTOFFICE
Atkins, Delbert Ferrel	West York
Barcroft, Fannie Ella	Centralia
Beattie, Mary Agnes	Evansville
Biggs, Fred Ervin	Danville
Bishop, LaVon Ruth	Decatur
Blackford, Rebecca Moore	Charleston
Borders, Virginia Florence	Charleston
Bowman, Mary Ellen	Mattoon
Boyd, Catherine Eloise	Sullivan
Christian, Virginia Bernice	Mattoon
Craig, Elizabeth Magdelena	West Union
Daily, Wilma Jean	Sumner
Daugherty, Daisy Ruth	Hammond
Dennis, Norma Eileen	Robinson
Diel, Nellie Leannah	Noble
Eagleton, Alberta Trousdale	Milton, Florida
Engel, Betty Jean	Stewardson
Finley, Esther Elaine	Bridgeport
Fisher, Merna Dean	Urbana
Fritz, Ora Edna	Stewardson
Gaertner, Ruth Henderson	Charleston
Gossett, Marian Elizabeth	Charleston
Greenwood, Bartley Jay, Jr.	Champaign
Grossman, Mary Eleanor	Robinson
Hanneken, Clemens Bernard	Ramsey
Henry, Helen Louise	Georgetown
Homann, Eva Emmaline	Charleston
Homann, Louise Mae	Charleston
Hubbard, Margaret Etta	Pana
Jenkins, Betty June	Tower Hill
Kannmacher, Virginia Rose	Martinsville
Kennard, Marilyn Joan King	Charleston
Knezik, Evelyn Mae	Livingston
Lane, Willa Frances	Potomac

NAME	POSTOFFICE
Magers, George Albert	Charleston
Manuell, Anna Louise	Taylorville
Mayberry, Leslie	Hoopeston
McFarland, Violet Deborah	Chrisman
Mead, Donald Terrence	Mattoon
Mowrer, Zada Iona	Claremont
O'Neal, Charles Baker	Mattoon
Pabst, Loraine Beatrice	Hamilton, Ohio
Perfetti, Mary Madeline Sluder	Carmi
Phillips, Ross Wilbur	Effingham
Ruhmann, Theodorsa Rae	Chicago
Shumaker, Arrah Jean Workman	Chatham
Smith, Dorothy Charletta	Sullivan
Sparks, Earl Christie	Charleston
Sterchi, Veda Anita	Olney
Strotman, Willa Mae	Keensburg
Sumner, Retha Elizabeth	Flora
Thomann, Elizabeth Ann	Ingraham
Thomas, Amelia Blanche	Danville
Turner, Vivian Marie	Hammond
Whiteleather, Thelma Elouise	Effingham
Williams, Lois Jean	Charleston

Men	10
Women	46
Total	56

Two-Year Diploma Graduates

Buzzard, Henry Lewis	Charleston
Craig, Jo Ann	Charleston

Man	1
Woman	1
Total	2

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RATING

EASTERN ILLINOIS STATE TEACHERS COLLEGE IS FULLY ACCREDITED

(1) as a Teachers College in the American Association of Teachers Colleges

(2) as a College in the North Central Association of Colleges and

(3) Institutional member, American Council on Education.
Secondary Schools

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6/47

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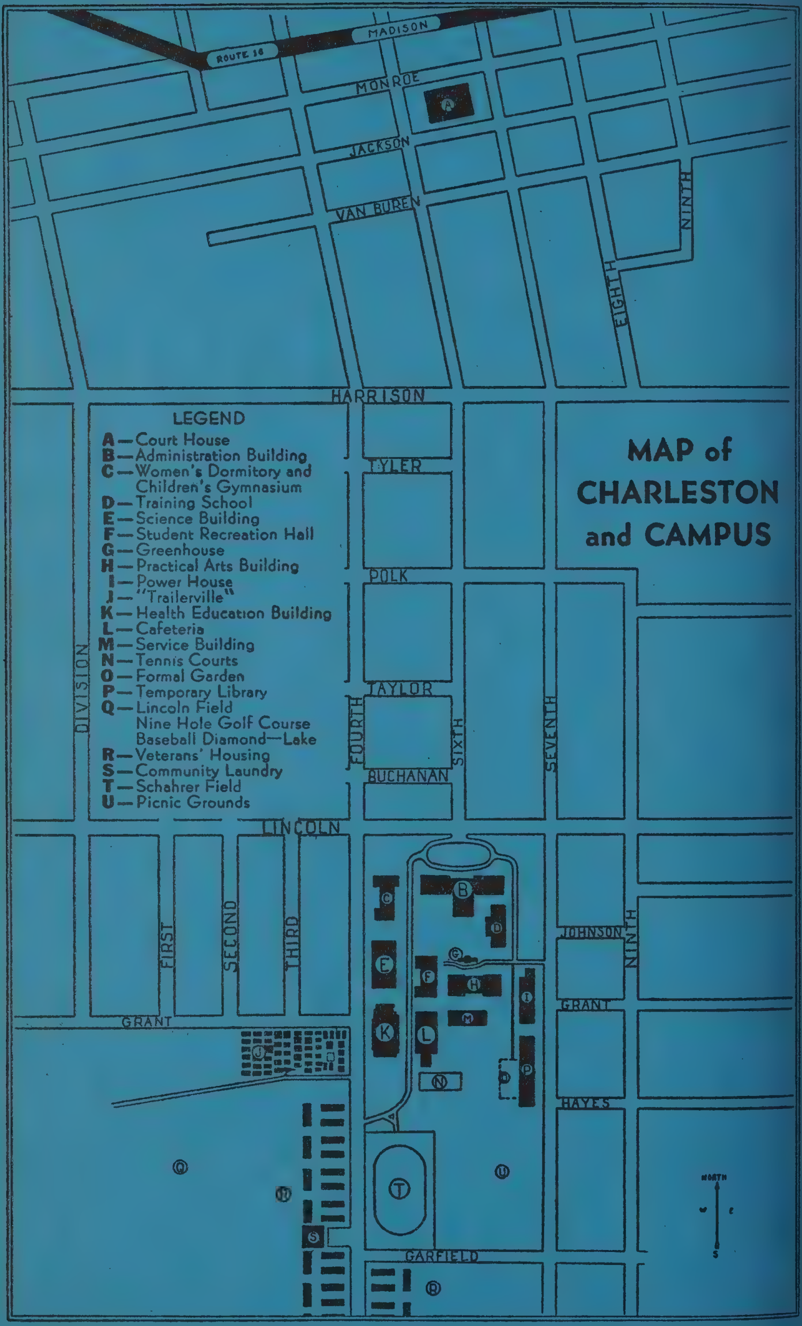
EASTERN ILLINOIS STATE COLLEGE BULLETIN

NOUNCEMENTS FOR 1947-48 SESSIONS

1899

consequence of an act of the 65th General Assembly of the State of Illinois name of this institution has been changed from Eastern Illinois State achers College to Eastern Illinois State College, effective July 1, 1947.

CHARLESTON, ILLINOIS



MAP of CHARLESTON and CAMPUS

LEGEND
A—Court House
B—Administration Building
C—Women's Dormitory and Children's Gymnasium
D—Training School
E—Science Building
F—Student Recreation Hall
G—Greenhouse
H—Practical Arts Building
I—Power House
J—"Trailerville"
K—Health Education Building
L—Cafeteria
M—Service Building
N—Tennis Courts
O—Formal Garden
P—Temporary Library
Q—Lincoln Field
Nine Hole Golf Course
Baseball Diamond—Lake
R—Veterans' Housing
S—Community Laundry
T—Schahrer Field
U—Picnic Grounds
MADISON
ROUTE 16
MONROE
JACKSON
VAN BUREN
HARRISON
TYLER
POLK
TAYLOR
BUCHANAN
LINCOLN
JOHNSON
GRANT
HAYES
GARFIELD
DIVISION
FIRST
SECOND
THIRD
FOURTH
SIXTH
SEVENTH
EIGHTH
NINTH
NORTH
W
E
S

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE COLLEGE BULLETIN

No. 179 July 1, 1947

48TH YEAR

ACADEMIC RECORD 1946-47 SESSIONS
ANNOUNCEMENTS FOR 1947-48 SESSIONS

Eastern Illinois State College Bulletin, issued quarterly, by the Eastern Illinois State College, Charleston, Illinois. Entered March 5, 1902, as second-class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

248 (37105)

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Aerial View of Campus

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College
Robert Guy Buzzard, President

Admission of Students, Transcripts, and Requests for Catalogues
Blanche C. Thomas, Registrar

Academic Work of Students and Advanced Standing
Hobart F. Heller, Dean of the College

Housing, Student Employment, and Personal Problems
Rudolph D. Anfinson, Dean of Men
Elizabeth K. Lawson, Dean of Women

Veterans Services
Rudolph D. Anfinson, Director

Pemberton Hall
Mrs. Alice N. Cotter, Director

Payment of Fees
Raymond R. Gregg, Business Manager

Teacher Placement
Harry L. Metter, Director of Teacher Training and Placement

Student Health
Mary E. Thompson, College Nurse

Textbook Library
Henry J. Arnold, Manager

Extension Courses
Bryan Heise, Director of Extension

Public Relations and Alumni Affairs
Stanley M. Elam, Director of Public Relations and Alumni Services

Information Regarding Summer Session
Blanche C. Thomas, Registrar, or
Hobart F. Heller, Dean

ealth Education Building

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WHY I TEACH

Because I would be young in soul and mind
Though years must pass and age my life constrain
And I have found no way to lag behind
The fleeting years, save by the magic chain
That binds me, youthful, to the youth I love,
I teach.

Because I would be wise, and wisdom find
From millions gone before whose torch I pass,
Still burning bright to light the paths that wind
So steep and rugged, for each lad and lass
Slow climbing to the unrevealed above,
I teach.

Because in passing on the living flame,
That ever brighter burns the ages through,
I have done service that is worth the name
Can I but say "The flame of knowledge grew
A little brighter in the hands I taught,"
I teach.

Because I know that when life's end I reach
And thence pass through the gates so wide and deep
To what I do not know, save what men TEACH
That the remembrance of me will keep
Is what I've done; and what I have is naught,
I teach.

—Louis Burton Woodward

1947

JULY

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NOVEMBER

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DECEMBER

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1948

JANUARY

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FEBRUARY

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MARCH

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APRIL

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..	..	..	..	..	..	..

1948

JULY

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

AUGUST

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

SEPTEMBER

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

OCTOBER

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

NOVEMBER

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

DECEMBER

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

COLLEGE CALENDAR, 1947-48

Fall Quarter, 1947 (Twelve Weeks)

Thursday, September 11	Freshmen Registration, 9 a. m.
Friday and Saturday, September 12-13	Freshmen Orientation
Saturday, September 13	Faculty meeting day, 8 a. m.
Monday, September 15	Registration
Tuesday, September 16	Classes begin, 8 a. m.
Friday, October 10	Eastern Division Meeting
Saturday, October 25	Homecoming
Thursday, Friday, November 27-28	Thanksgiving recess
Friday, December 5	Fall Quarter closes

Winter Quarter, 1947-48 (Twelve Weeks)

Monday, December 8	Registration, 8 a. m.
Friday, December 19	Christmas holiday begins, 3 p. m.
Monday, January 5	Classes resume, 8 a. m.
Friday, March 12	Winter Quarter closes

Spring Quarter, 1948 (Twelve Weeks)

Monday, March 15	Registration, 8 a. m.
Tuesday, March 16	Classes begin
Friday-Monday, March 26-29	Easter recess
Tuesday, March 30	Classes resume, 8 a. m.
Sunday, May 30	Baccalaureate, 3 p. m.
Sunday, June 6	Commencement, 10 a. m.
Monday, June 14	Summer Term begins

STATE OF ILLINOIS DWIGHT H. GREEN, *Governor*

DEPARTMENT OF REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD

EX-OFFICIO MEMBERS

FRANK G. THOMPSON
Director of Registration and Education (Springfield)
Chairman

VERNON L. NICKELL
Superintendent of Public Instruction (Springfield)
Secretary

APPOINTED MEMBERS

MISS HARRIETT A. MCINTIRE, Mendota	1937-1943
MRS. HELEN R. PEGELOW, Mattoon	1939-1945
DR. PRESTON BRADLEY, Chicago	1941-1947
LINDELL W. STURGIS, Metropolis	1941-1947
RUSSELL L. GUIN, Danville	1941-1947
RICHARD F. DUNN, Normal	1943-1949
ROBERT W. DAVIS, Carbondale	1943-1949
IRA M. MEANS, Macomb	1945-1951
LEWIS M. WALKER, Gilman	1945-1951

CHARLES G. LANPHIER.......... Co-ordinator (Springfield)

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teacher Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

ADMINISTRATION

1946-47

Office of the President

Robert Guy Buzzard, Ph.D.	President
Stanley Munson Elam, A.M.	Director of Public Relations and Alumni Services
William H. Zeigel, Ph.D.	Director of Guidance
Florence Leone Fair, A.B.	Secretary

Office of the Dean and Registrar

Hobart Franklin Heller, Ph.D.	Dean
Blanche Claire Thomas	Registrar
Helen Josephine Whalen	Secretary
Loretta Sayler	Stenographer

Office of Dean of Women

Elizabeth K. Lawson, Ph.D.	Dean of Women
Dorothy Cherry	Secretary

Office of Dean of Men

Harold Maxon Cavins, Ed.D.	Dean of Men

Office of Veterans Services

Rudolph D. Anfinson, Ph.D.	Director
Colleen Sorensen	Stenographer

Office of the Director of Training Schools

Harry Louis Metter, Ph.D.	Director of Teacher Training and Placement
Donald Allen Rothschild, Ph.D.	Principal of High School
Arthur U. Edwards, Ph.D.	Principal of Elementary School
Hans Christian Olsen, Ph.D.	Director of Rural Education
Elizabeth Jane Lionberger, B.Ed.	Secretary

Office of Extension

Bryan Heise, Ph.D.	Director of Extension

Office of Health Service

Mary Ellen Thompson, R.N.	College Nurse

Business Office

Raymond Rosco Gregg, A.M.	Business Manager
Violet Bird Taylor, B.A.	Secretary
Dorothy Virginia Davis	Stenographer
Patricia McCue Carpenter	Bookkeeper
Frances May Benepe	Stenographer
Charlotte Green Fisher, B.S. in Ed.	Stenographer

Office of Textbook Library

Henry J. Arnold, A.M.	Manager of Textbook Library

Pemberton Hall

Alice Nellie Cotter, A.B.	Director of Pemberton Hall

Buildings and Grounds

John G. Haney	Plant Maintenance Engineer
Camille F. Monier	Superintendent of Grounds
Robert O. Brooks	Superintendent of Buildings
John Livingston	Superintendent of Heating

EASTERN ILLINOIS STATE COLLEGE, CHARLESTON

FACULTY, 1946-47

Asterisk (*) indicates Head of Department.
Double Asterisk (**) indicates Acting Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D. . . . . *President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M., The University of Chicago, 1917; Ph.D., Clark University, 1925; A.M., University of Illinois, 1938. (1933)

HOBART FRANKLIN HELLER, Ph.D. . . . . *Dean*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

STANLEY MUNSON ELAM, A.M. . . . .
. . . . *Director of Public Relations and Alumni Services*
B.Ed., Eastern Illinois State Teachers College, 1938; A.M., University of Illinois, 1942. (1946)

WILLIAM H. ZEIGEL, Ph.D. . . . . *Director of Guidance*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

HAROLD MAXON CAVINS, Ed.D. . . . . *Dean of Men*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Ed.D., Stanford University, 1941. (1928)

ELIZABETH K. LAWSON, Ph.D. . . . . *Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

BLANCHE CLAIRE THOMAS . . . . *Registrar* (1922)

RAYMOND ROSCO GREGG, A.M. . . . . *Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933 and 1934. (1934)

HARRY LOUIS METTER, Ph.D. . . . .
. . . . *Director of Teacher Training and Placement*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . .
. . . . *Principal Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

ARTHUR U. EDWARDS, Ph.D. . . . .
. . . . *Principal Teachers College Elementary School*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D......*Director of Rural Education*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

BRYAN HEISE, Ph.D......................*Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

RUDOLPH D. ANFINSON, Ph.D......*Director of Veterans Services*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

MARY ELLEN THOMPSON, R.N..................*College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)

ALICE NELLIE COTTER, A.B..........*Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

MILDRED RUTH WHITING, Ph.D.*...................*Professor*
B.F.A., 1928, A.M., 1933, Ph.D., University of Nebraska, 1938. (1936)

ALICE MCKINNEY, A.M............................*Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (On leave.) (1928)

CALVIN COUNTRYMAN, A.M....................... *Instructor*
Ph.B., The University of Chicago, 1934; A.M., Colorado State College of Education, 1941. (1945)

INEZ PARKER, A.M................................*Instructor*
B.S., West Texas State College, Canyon, Texas, 1937; Palo Duro School of Art, 1937-38; Graduate study, Eastern New Mexico College, Portales, Fall, 1938; Taos and Santa Fe, New Mexico, Summer Painting School, 1939; A.M., Colorado State College of Education, 1943. (1946)

BIOLOGICAL SCIENCE

Botany

ERNEST LINCOLN STOVER, Ph.D.*...................*Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. Resident Doctor, University of Washington Biological Station, summer, 1926; University of Michigan Biological Station, summer, 1932; Cornell University, summer, 1936; University of Wyoming Science Camp, summer, 1940. (1923)

HIRAM FREDERICK THUT, Ph.D..............*Associate Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930; Iowa State College, summer, 1939; Cornell University, summer, 1941. (1932)

Zoology

CHARLES STOCKMAN SPOONER, Ph.D.*...............*Professor*
A.B., Cornell University, 1907; A.M., 1918, Ph.D., University of Illinois, 1936. (1919)

WALTER MERRITT SCRUGGS, Ph.D............*Associate Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; M.S., University of Illinois, 1935; Ph.D., Harvard University, 1942. (1929)

RICHARD THOMAS HARTLEY, Ph.D...........*Associate Professor*
A.B., Peru State Teachers College, 1927; M.S., 1930, Ph.D., State University of Iowa, 1943. (1944)

WILLIAM DONALD MURRAY, Ph.D............*Assistant Professor*
B.A., 1934, M.S., Ohio State University, 1935; Ph.D., University of Minnesota, 1940. (1946)

KATHRYN M. SOMMERMAN, Ph.D...........*Assistant Professor*
B.S., University of Connecticut, 1937; M.S., 1941, Ph.D., University of Illinois, 1945. (Resigned November 29, 1946.) (1946)

EDWARD GERALD RENNELS, B.S. in Ed...............*Instructor*
B.S. in Ed., Eastern Illinois State Teachers College, 1947. (1947)

Hygiene

HAROLD MAXON CAVINS, Ed.D..............*Associate Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Ed.D., Stanford University, 1941. (1928)

BUSINESS EDUCATION

JAMES MICHAEL THOMPSON, Ed.D.*.................*Professor*
B.S., Nebraska State Teachers College, 1929; A.M., Colorado State College of Education, 1933; Ed.D., New York University, 1936. (1937)

EARL SAMUEL DICKERSON, Ed.D............*Associate Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Ed.D., New York University, 1941. (1935)

STANLEY CLAY ROBINSON, A.M............*Assistant Professor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (On leave.) (1939)

JESSIE MARTHA HUNTER, A.M...............*Assistant Professor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

RAYMOND ROSCO GREGG, A.M...............*Assistant Professor*
Diploma, Southern Illinois State Normal University, 1917; Ph.B., 1922, A.M., The University of Chicago, 1923; Graduate study, The University of Chicago, summers, 1926, 1927, 1929, 1930, 1933 and 1934. (1934)

BERTRAND PRESTON HOLLEY, A.B...................*Instructor*
A.B., Murray State College, Kentucky, 1944; Graduate study, Northwestern University, summers, 1945 and 1946. (Substitute instructor.) (1946)

JEANETTE L. SULLIVAN, B.S. in Ed..................*Instructor*
B.S. in Ed., Illinois State Normal University, 1944. (Substitute instructor.) (1946)

EDUCATION

EMMA REINHARDT, Ph.D.*..........................*Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

HARRY LOUIS METTER, Ph.D. . . . . *Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHSCHILD, Ph.D. . . . . *Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

BRYAN HEISE, Ph.D. . . . . *Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)

WILLIAM H. ZEIGEL, Ph.D. . . . . *Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)

ARTHUR U. EDWARDS, Ph.D. . . . . *Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D. . . . . *Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ELIZABETH K. LAWSON, Ph.D. . . . . *Associate Professor*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York University, 1939. (1939)

ENGLISH

HOWARD DEFOREST WIDGER, Ph.D.* . . . . *Professor*
A.B., Yale University, 1910; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)

EUGENE M. WAFFLE, Ph.D. . . . . *Associate Professor*
A.B., Indiana State Teachers College, 1925; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (1926)

GLADYS WINIFRED EKEBERG, Ph.D. . . . . *Associate Professor*
B.S., 1927, M.A., Northwestern University, 1930; Ph.D., University of Wisconsin, 1942. (1945)

FRANCIS W. PALMER, Ph.D. . . . . *Associate Professor*
B.A., 1934, M.A., 1936, Ph.D., State University of Iowa, 1939. (1945)

WINNIE DAVIS NEELY, M.A. . . . . *Assistant Professor*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)

ROBERT LEE BLAIR, Ph.D. . . . . *Assistant Professor*
B.A., 1928, M.A., Ohio State University, 1929; Ph.D., University of Illinois, 1936; Post-Doctoral study, The University of Chicago, summer, 1936; New York University, summers, 1945 and 1946. (1946)

MARTHA LOIS SMITH, Ph.D. . . . . *Assistant Professor*
A.B., Florida State College for Women, 1930; A.M., Emory University, 1935; Ph.D., George Peabody College for Teachers, 1941. (1946)

EMMA CHENAULT KELLY, A.M. . . . . *Instructor*
A.B., University of Kentucky, 1927; A.M., Columbia University, 1937. (1946)

EVE MARY KELLY, A.M. . . . . *Instructor*
A.B., State University of Iowa, 1916; A.M., Columbia University, 1946; Study of Drama at London, Stratford-on-Avon, Oxford, and Malvern, 1937. (1946)

FOREIGN LANGUAGE

KEVIN GUINAGH, Ph.D.* . . . . *Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. (1931)

RUTH CARMAN, A.M. . . . . *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

ELLEN ELIZABETH MICHAEL, A.M. . . . . *Assistant Professor*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Institut de Phonetique, Paris, summer, 1936; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (On leave.) (1930)

CAROLINE HEATH KENNEDY, Dr. Univ. . . . . *Assistant Professor*
B.A., Birmingham-Southern College, 1929; M.A., University of Alabama, 1930; Graduate study, University of Texas, 1937-38; Docteur d' Université, Université Laval, 1941. (Substitute assistant professor.) (1946)

GEOGRAPHY

ELTON MONROE SCOTT, Ph.D.* . . . . *Associate Professor*
B.S., Sam Houston State Teachers College, 1930; M.A., George Peabody College, 1936; Ph.D., University of Wisconsin, 1941. (1946)

RUBY MILDRED HARRIS, S.M. . . . . *Associate Professor*
Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (1923)

ROSE ZELLER, Ph.D. . . . . *Associate Professor*
B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D., Clark University, 1940. (1930)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.* . . . . *Professor*
B.S., 1922, M.S., Utah State Agricultural College, 1923; Ph.D., Columbia University, 1933; Graduate study, Iowa State College, summer, 1935; University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, D.Ed. . . . . *Associate Professor*
Ph.B., The University of Chicago, 1923; A.M., Columbia University, 1932; D.Ed., Pennsylvania State College, 1944. (1937)

HELEN LOUISE DEVINNEY, A.M. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940; Graduate study, Columbia University, summers 1945, 1946. (1943)

INDUSTRIAL ARTS

WALTER ALLEN KLEHM, Ed.D.* . . . . *Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)

RUSSELL HENRY LANDIS, Ed.D. . . . . *Associate Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Ed.D., Pennsylvania State College, 1940. (1930)

CHARLES A. ELLIOTT, M.Ed. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1931; Kent State University, 1937; M.Ed., University of Missouri, 1946. (1946)

CORNELIUS VERSTEEG, B.A. . . . . *Instructor*
B.A., Huron College, Huron, S.D., 1932; Southern State Normal, Springfield, S.D., summers, 1938, 1939, 1940; The Stout Institute, 1941. (1946)

ROBERT BATES THRALL, M.S. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1932; M.S., University of Illinois, 1938. (Half-time instructor.) (1945)

LIBRARY

ROSCOE FREDERICK SCHAUPP, Ph.D.* . . . . *Professor and Librarian*
A.B., University of Nebraska, 1926; M.A., 1929, Ph.D., Ohio State University, 1934; A.B.L.S., University of Michigan, 1939. (1945)

ALMA DEJORDY, M.S. in L.S., M.A. . . . . *Assistant Professor*
B.A., University of Arkansas, 1940; B.S. in L.S., 1941, M.S. in L.S., University of Illinois, 1943; M.A., University of Missouri, 1946. (1946)

HARRIET LOVE, M.S. . . . . *Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

LEE ANNA JEWELL SMOCK, A.M. *Instructor*
B.A., Bethany College, 1925; B.S. in L.S., University of Illinois, 1942; A.M., University of Kansas, 1931. (1944)

MARGARET LORENA EKSTRAND, B.S. in L.S. . . . . *Instructor*
B.Ed., Illinois State Normal University, 1933; B.S. in L.S., George Peabody College for Teachers, 1942. (1942)

ILA MAE TAYLOR, B.S. in L.S. . . . .
. . . . *Instructor and High School Librarian*
A.B., Berea College, 1936; B.S. in L.S., George Peabody College, 1941; Graduate study, George Peabody College, summers, 1945, 1946. (1946)

MATHEMATICS

HOBART FRANKLIN HELLER, Ph.D.** . . . . *Professor*
B.S., Gettysburg College, 1924; A.M., 1931, Ph.D., Columbia University, 1940. (1931)

RUTH HOSTETLER, A.M. *Assistant Professor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

THEODORE WEAVER, M.A. . . . . *Assistant Professor*
B.A., 1929, M.A., Ohio State University, 1930; Graduate study, Ohio State University, 1931-32. (1946)

LESTER RAYMOND VAN DEVENTER, M.S. . . . . *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1938; M.S., University of Illinois, 1941. (1946)

MUSIC

LEO J. DVORAK, Ph.D.* . . . . *Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State University of Iowa, 1939. (1940)

RUDOLPH D. ANFINSON, Ph.D. . . . . *Associate Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; M.A., 1933, Ph.D., University of Minnesota, 1939. (1940)

ETHEL IRENE HANSON, A.M. . . . . *Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., 1924, A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

ROBERT AUSTIN WARNER, M.A. . . . . *Assistant Professor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of Music, University of Rochester, 1938. (On leave.) (1938)

ESTHER B. MILLER, M.M. . . . . *Instructor*
B.A., Iowa State Teachers College, 1938; M.M., Northwestern University, 1945. (1946)

MARY J. BALLOON, M.M. . . . . *Instructor*
B.M., Wooster College, 1942; M.M., Northwestern University, 1946. (1946)

LEE C. CROOK, M.M. . . . . *Instructor*
B.S., University of Kentucky, 1937; M.M,, University of Michigan, 1944. (Substitute instructor.) (1946)

PHYSICAL EDUCATION

Men

CHARLES P. LANTZ, Pd.D.* . . . . *Professor*
B.S., Gettysburg College, 1908; M.S., The Pennsylvania State College, 1936; Pd.D., Gettysburg College, 1938. (1911)

LLOYD R. BURLEY, Ph. D. . . . . *Associate Professor*
B.E., Duluth State Teachers College, 1933; M.A., 1935, Ph.D., State University of Iowa, 1941. (1946)

WILLIAM A. HEALEY, M.A. . . . . *Instructor*
B.S., Whitewater Wisconsin State Teachers College, 1935; M.A., State University of Iowa, 1938. (1946)

MAYNARD O'BRIEN, M.S. . . . . *Instructor*
B.S., Illinois Wesleyan University, 1931; M.S., University of Illinois, 1946. (1946)

ANDREW J. SULLIVAN, B.S. in Ed.................... *Instructor*
B.S. in Ed., Eastern Illinois State Teachers College, 1946. (1947)

Women

FLORENCE MCAFEE, Ed.D.*......................... *Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Ed.D., New York University, 1940. (1924)

EDITH CRAWFORD HAIGHT, Ph.D............. *Associate Professor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Ph.D., New York University, 1944. (1938)

WINIFRED HENRIETTA BALLY, M.A................... *Instructor*
B.Ed., Illinois State Normal University, 1933; M.A., New York University, 1937. (1946)

BETTY JANE FARIANS, B.S......................... *Instructor*
B.S., University of Cincinnati, 1943; Graduate study, University of Cincinnati, 1944-45. (1946)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.*..................... *Professor*
A.B., 1926, A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

LAWSON FRANCIS MARCY, Ph.D............. *Associate Professor*
A.B., Evansville College, 1924; M.A., Columbia University, 1926; Ph.D., Ohio State University, 1943. (1944)

MELVIN ORVIL FOREMAN, Ph.D............. *Assistant Professor*
B.S., Capitol University, 1925; Graduate study, University of Maryland, 1927; M.S., Ph.D., The University of Chicago, 1929. (1946)

Physics

ORA LEE RAILSBACK, Ph.D.*....................... *Professor*
A.B., 1923, A.M., 1924, Ph.D., Indiana University, 1937. (1924)

GLENN QUENTIN LEFLER, Ph.D............. *Associate Professor*
A.B., 1929, A.M., 1932, Ph.D., Indiana University, 1936. (1946)

NORMAN AUDREY STRADER, B.Ed.................... *Instructor*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, summers 1938, 1941. (1947)

SOCIAL SCIENCE

CHARLES HUBERT COLEMAN, Ph.D.*.................. *Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D., Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D.............. *Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Postgraduate study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D. . . . . *Associate Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Post-graduate study, Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D. . . . . *Associate Professor*
A.B., Illinois Wesleyan University, 1927; A.M., 1933, Ph.D., University of Illinois, 1938. (1938)

RAYMOND ARTHUR PLATH, Ph.D. . . . . *Assistant Professor*
B.S., 1933, M.Ph., 1936, Ph.D., University of Wisconsin, 1939. (1946)

SPEECH

JAMES GLENN ROSS, Ph.D.* . . . . *Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

ELBERT RAYMOND MOSES, Ph.D. . . . . *Associate Professor*
B.A., University of Pittsburg, 1932; M.S., 1934, Ph.D., University of Michigan, 1936. (1946)

GEORGE WALTER ROSS, M.A. . . . . *Instructor*
B.A., 1943, M.A., University of Washington, 1945. (1946)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D.* . . . . *Director*
of Teacher Training and Placement
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D. . . . . *Principal*
of Teachers College Elementary School
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M. . . . . *Assistant Professor*
and Eighth Grade Critic
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S., The University of Chicago, 1927; Graduate study, The University of Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of Southern California, 1935; Graduate study, University of Mexico, summer, 1938; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M. *Assistant Professor*
and Seventh Grade Critic

Diploma, Illinois State Normal University, 1917; S.B., 1924, S.M., The University of Chicago, 1934; Graduate study, Columbia University, summer, 1937; University of Colorado, summer, 1939; University of Southern California, summer, 1941. (1920)

ELSIE JULIAETTA HAMPTON, M.A. . . . . *Instructor and*
Sixth Grade Critic
B.A., 1933, M.A., University of Texas, 1939. (1945)

FLORENCE ESTALENE REID, M.A.........*Assistant Professor and Fifth Grade Critic*
Diploma, National Kindergarten and Elementary School, 1921; B.A., Iowa State Teachers College, 1930; M.A., State University of Iowa, 1937; Graduate study, Pennsylvania State College, summer, 1939; University of Iowa, summer, 1944. (1946)

MYRTLE ARNOLD, A.M..................*Assistant Professor and Fourth Grade Critic*
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939; University of Southern California, 1945-46. (1930)

NANNILEE SAUNDERS, A.M.............*Assistant Professor and Third Grade Critic*
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)

VERONICA MARIE BECKER, M.A...................*Instructor and Second Grade Critic*
B.S. in Ed., State Teachers College, California, Pa., 1941; M.A., State University of Iowa, 1942. (1944)

IRENE DOLORES GROOM, M.A...*Instructor and First Grade Critic*
B.A., 1943, M.A., University of Iowa, 1945. (1946)

ETHEL IRENE HANSON, A.M........*Assistant Professor in Music*
Diploma, Milwaukee State Teachers College, 1916; B.M., 1924, A.M., University of Wisconsin, 1935; Graduate study, University of Southern California, summer, 1941. (1927)

VIRGINIA OCTAVIA WHEELER, A.M.....*Assistant Professor in Art*
B.S. in Ed., 1929, A.M., University of Missouri, 1931; Graduate study, University of Missouri, 1940-42. (1944)

JESSIE MARTHA HUNTER, A.M...............*Assistant Professor in Penmanship*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

ALINE RUTH ELLIOTT, M.A.....*Instructor in Physical Education*
B.S. in Ed., Kansas State Teachers College, 1927; M.A., State University of Iowa, 1940. (1944)

ROBERT BATES THRALL, M.S..........*Instructor in Manual Arts*
B.Ed., Eastern Illinois State Teachers College, 1932; M.S., University of Illinois, 1938. (Half-time instructor.) (1945)

Teachers College High School

DONALD ALLEN ROTHSCHILD, Ph.D..................*Principal of Teachers College High School*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)

DONALD RHODES ALTER, Ph.D. . . . . *Associate Professor in Social Science*

B.S. in Ed., University of Missouri, 1920; A.M., Columbia University, 1924; Ph.D., University of Illinois, 1934; Post-graduate study, Harvard University, summer, 1938. (1934)

WINIFRED HENRIETTA BALLY, M.A. . . . . *Instructor in Girls' Physical Education*

B.Ed., Illinois State Normal University, 1933; M.A., New York University, 1937. (1946)

ALLEN PERDUE BRITTON, A.M. . . . . *Instructor in Music*

B.S. in Music Education, 1937, A.M., University of Illinois, 1939; Part-time graduate study, Indiana University, 1940-41. (On leave.) (1941)

ELIZABETH BUELL, A.M. . . . . *Instructor in Biological Science*

B.Ed., Southern Illinois State Normal University, 1939; A.M., Oberlin College, 1943. (Substitute instructor.) (1945)

RUTH CARMAN, A.M. . . . . *Assistant Professor in Latin*

Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summers, 1940 and 1941. (1914)

CALVIN COUNTRYMAN, A.M. . . . . *Instructor in Art*

Ph.B., The University of Chicago, 1934; A.M., Colorado State College of Education, 1941. (1945)

HELEN LOUISE DEVINNEY, A.M. . . . . . . *Instructor in Homemaking*

B.Ed., Eastern Illinois State Teachers College, 1935; A.M., Columbia University, 1940. (1943)

LENA BOYD ELLINGTON, A.M. . . . . *Assistant Professor in Social Science*

A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938; University of Mexico, summer, 1941. (1920)

EWELL WELDON FOWLER, M.S. . . . . *Assistant Professor in Industrial Arts*

B.S., East Texas State Teachers College, 1934; M.S., Agricultural and Mechanical College of Texas, 1937; Graduate study, University of Missouri, summers, 1939, 1940, 1941. (On leave.) (1941)

RUBY MILDRED HARRIS, S.M. . . . . *Associate Professor in Geography*

Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922, S.M., The University of Chicago, 1932; Graduate study, The University of Chicago, summer, 1936, spring and summer, 1941. (1923)

GERTRUDE HENDRIX, M.S., A.M. . . . . *Assistant Professor in Mathematics*

A.B., DePauw University, 1926; M.S. (Education), 1930, A.M. (Mathematics), University of Illinois, 1935. (On leave.) (1930)

ARNOLD JOHN HOFFMAN, M.S. .... *Instructor in Chemistry and Physics*
B.S., Eureka College, 1930; M.S., University of Illinois, 1932. (1945)

BERTRAND PRESTON HOLLEY, A.B. .... *Instructor in Commerce*
A.B., Murray State College, Kentucky, 1944; Graduate study, Northwestern University, summers, 1945 and 1946. (Substitute instructor.) (1946)

RUTH HOSTETLER, A.M. ..... *Assistant Professor in Mathematics*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The University of Chicago, 1917; A.M., Columbia University, 1936; Graduate study, University of Illinois, summer, 1939. (1929)

CAROLINE HEATH KENNEDY, Dr. Univ. .... *Assistant Professor in French and Spanish*
B.A., Birmingham-Southern College, 1929; M.A., University of Alabama, 1930; Graduate study, University of Texas, 1937-38; Docteur d' Université, Université Laval, 1941. (Substitute assistant professor.) (1946)

DOROTHY MAYNARD LEE, M.A. .... *Instructor in English*
B.Ed., Illinois State Normal University, 1932; M.A., University of Illinois, 1940. (1945)

ICA MARKS, M.S. .... *Assistant Professor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (On leave.) (1932)

ELLEN ELIZABETH MICHAEL, A.M. .... *Assistant Professor in French and Spanish*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929; Graduate study, The University of Chicago, summer, 1934; Columbia University, summer, 1935; Institut de Phonetique, Paris, summer, 1936; Middlebury College, summers, 1939 and 1940; University of Mexico, summer, 1941; University of Illinois, summer, 1942. (On leave.) (1930)

MILDRED DOLE MORGAN, M.A. .... *Instructor in English and Dean of Girls*
B.S., University of Illinois, 1929; M.A., Columbia University, 1934; Graduate study, University of Wisconsin, summer, 1941; Columbia University, summer, 1946. (1946)

OTHO JAMES QUICK, M.A. .... *Instructor in Industrial Arts*
B.Ed., Eastern Illinois State Teachers College, 1936; M.A., University of Minnesota, 1946. (Substitute instructor.) (1946)

EDNA GLADYS RICE, A.M. .... *Instructor in Mathematics*
A.S., Port Huron Jr. College, 1940; B.S., Michigan State Normal, 1942; A.M., The University of Chicago, 1944; Graduate study, The University of Chicago, summer, 1945. (Substitute instructor.) (1945)

ROBERTA LEE POOS, A.M. .... *Instructor in English and Speech*
B.Ed., Illinois State Normal University, 1927; A.M., University of Illinois, 1935; Graduate study, Pennsylvania College for Women, summer, 1937. (1935)

HAMILTON BURTON SMITH, M.M. .... *Instructor in Music*
B.F.A., 1941, Mus.M., University of South Dakota, 1946. (Substitute instructor.) (1946)

Marvin Frank Smith, M.A...*Assistant Professor in Commerce*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College, 1935; Graduate study, Colorado State College of Education, Greeley, summers, 1939, 1940; University of Illinois, summers, 1944, 1945, 1946. (1940)

Ila Mae Taylor, B.S. in L.S....................*Instructor and High School Librarian*
A.B., Berea College, 1936; B.S. in L.S., George Peabody College, 1941; Graduate study, George Peabody College, summers, 1945, 1946. (1946)

Paris John Van Horn, M.S.............*Assistant Professor in Physical Education and Athletic Coach*
B.S., Indiana State Teachers College, 1926; M.S., Indiana University, 1935; Graduate study, Indiana University, summers, 1937, 1938, 1940, and second semester 1941-42. (1935)

Robert A. Wagoner, A.M.....*Instructor in Foreign Languages*
A.B., 1937; A.M., The University of Chicago, 1938. (Substitute instructor.) (Resigned October 1, 1946.) (1946)

Virginia Octavia Wheeler, A.M....*Assistant Professor in Art*
B.S. in Ed., 1929, A.M., University of Missouri, 1931; Graduate study, University of Missouri, 1940-42. (1944)

EXTENSION

Bryan Heise, Ph.D..........*Director of Extension, Education*
Leo J. Dvorak, Ph.D..............................*Music*
Arthur U. Edwards, Ph.D........................*Education*
Edith Crawford Haight, Ph.D............*Physical Education*
Ruby Mildred Harris, S.M......................*Geography*
Richard Thomas Hartley, Ph.D...........*Biological Science*
Mary Louise Hinman, B.Ed.......................*Education*
Walter Allen Klehm, Ed.D.................*Industrial Arts*
Hans Christian Olsen, Ph.D....................*Education*
James Glenn Ross, Ph.D...........................*Speech*
Robert Bates Thrall, M.S..................*Industrial Arts*
William H. Zeigel, Ph.D........................*Education*

FACULTY ASSISTANTS IN EDUCATION

Dora Jane Bennett, B.S..................*Foreign Language*
Luella Day, B.S. in Ed...................*Foreign Language*
Elaine Hansen, B.S..........................*Chemistry*
Florence Alma Rice, B.Ed.......................*Physics*

Emeritus Faculty

Ellen A. Ford, A.M.	*Dean Emeritus*
Fiske Allen, A.M.	*Professor Emeritus*
Simeon E. Thomas, LL.D.	*Professor Emeritus*
Annie Laura Weller, A.B., S.B.	*Professor Emeritus*
Edson H. Taylor, Ph.D.	*Professor Emeritus*
Isabel McKinney, A.M.	*Professor Emeritus*
Mary Josephine Booth, B.L.S.	*Associate Professor and Librarian Emeritus*
Albert B. Crowe, A.M.	*Associate Professor Emeritus*
Edith E. Ragan	*Assistant Professor Emeritus*
Gilberta Coffman	*Instructor Emeritus*
Anna Holden Morse	*Instructor Emeritus*

I. GENERAL INFORMATION

OBJECTIVE

The general objective of the Eastern Illinois State College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, and the prospective teacher is expected:

(1) To develop both scholarship in the subject matter of the chosen teaching fields and an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above accomplishments into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running west through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, and eastward to Paris and Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion.

A bus line connects Charleston with Mattoon, Decatur, and Springfield to the west, and with Paris, Terre Haute, and Indianapolis to the east.

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of $180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen in 1898 to be the first president of the institution, died before he could assume his office. Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics, served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school.

During the summers from 1901 to 1919, a six weeks session was offered for teachers. From 1920 to 1932, the College offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. From 1935 to 1941 an eight weeks summer term was offered. In 1942 a ten weeks summer term was offered, divided into two half terms of five weeks each. In 1943 an eleven weeks summer term was offered, divided into two half terms—the first term of six weeks and the second term of five weeks. A mid-spring session of six weeks was offered from 1922 to 1929. Since 1944 summer sessions of eight weeks have been offered with certain courses available during the first six weeks of the term.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920. Beginning with the class of 1944 the degree was changed to Bachelor of Science in Education (B.S. in Ed.).

BUILDINGS AND GROUNDS

Grounds. The grounds comprise forty acres including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoological studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of land was added to the campus in 1931 and an additional thirty acre tract was purchased in 1947. Athletic fields and a nine-hole golf course have been developed on part of this land. Trailers and remodeled barracks for veterans' housing were placed on other portions in 1945-47. A twenty-five year plan for permanent development of the entire campus is being prepared.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The General Assembly of 1911 appropriated $75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices.

Pemberton Hall. The General Assembly of 1907 appropriated $100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The General Assembly of 1925 appropriated $175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts or home economics.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing, and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated $1,000,000 for buildings and improvements at the state teachers colleges. The Normal School Board allotted $350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added $285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates $490,000. The rise of building costs necessitated an allotment of an additional $175,000 for the construction of the Science Building. Work on this building began in June, 1937, and the building was completed in September, 1939. The cost of the building and equipment approximates $383,000.

Library. Over 66,000 volumes and approximately 425 current periodicals are available in the college library for the use of students and faculty. About 12,000 bound magazines, used extensively in reference work, form an important part of the collection. In addition, the library maintains extensive pamphlet and picture collections. A reserve system is operated for the convenience of faculty and students. All technical work in connection with the selection, cataloging, and circulation of library materials is performed by professionally trained librarians. An orientation course in the use of the library (Library Science 120) is given by members of the staff, and is required in all curricula.

Separate high school and elementary school libraries are operated as part of the college library system. Full-time trained librarians are in charge of these collections, which contain over 10,000 books and 50 current periodicals.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory and classroom facilities for college classes in botany, chemistry, geography, geology, hygiene, mathematics, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

Veterans' Housing Units. Temporary apartment buildings and trailers have been erected to provide emergency housing for veterans and their families.

RATING

The Eastern Illinois State College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois. The College is also an institutional member of the American Council on Education.

EXPENSES

Tuition is free to legal residents of Illinois who are pursuing a regular curriculum. Tuition of $15.00 a quarter in addition to all fees described below is required of others.

Fees for each quarter (12 weeks) are $19.50, distributed as follows:

Registration	$10.00
Student Activity Fee	6.00
	$16.00
Book Rental Fee (see p. 33)	3.50
Total	$19.50

A deposit of $3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. The foregoing statement applies to Art courses Nos. 131, 233, 234, 350, 447, 448; Industrial Arts courses Nos. 135, 226, 275, 336, 356, 457, 460; Home Economics courses Nos. 201 and 304.

Laboratory fees may be charged students taking certain courses to cover supplies and breakage. The amount of the fee is stated in the course description.

A fee of $7.50 is charged for each applied music course taken by a student whose major and minors are in fields other than music.

All students in the music curriculum are required to provide themselves with music materials as recommended by the instructor for study purposes.

A towel deposit of $1.75 is required of each student in physical education each year. Seventy-five cents of this amount is refunded when the towel is returned at the end of the year.

A locker deposit of $1.75 is required for each locker issued. This fee is returned to the student when the padlock is returned.

Candidates for graduation must make application for graduation at the Registrar's Office and pay the $5.00 graduation fee by April 1. This fee covers all graduation expenses, including use of cap and gown.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; a charge of $1.00 is made for additional copies of this transcript sent later.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The College operates a rental library which provides textbooks at unusually low cost. At registration each college student pays a book-rental fee of $3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged by other than ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of $1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of $1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of $1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of 50 cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of $1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of 50 cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration.* There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for $2.50 to $3.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from $24.00 to $30.00 per quarter, payable quarterly in advance. For table board, $102.00 a quarter is charged, payable monthly in advance ($34.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of $8.50 a week.

A deposit of $5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Housing Bureau. The College maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected, and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

Students are required to live in approved houses except when special permission to room elsewhere has been secured from the Dean of Men or the Dean of Women. The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the College.

There is a trailer camp for married veterans, also apartments for married veterans, and rooms for single veterans are available in limited numbers. Students who are interested should write to Dr. R. D. Anfinson, Director of Veterans Services.

FINANCIAL AID TO VETERANS

The College is cooperating with the Veterans Administration in the programs for the education and rehabilitation of veterans under Public Law 346 (the G. I. Bill) and Public Law 16 (Veterans Rehabilitation).

Any man or woman, discharged or released under conditions other than dishonorable, who has served ninety days or more in active military or naval service since September 16, 1940, exclusive of time spent in the service academies or special college training programs of the Army or Navy, who desires a retraining or refresher course, is eligible for educational benefits under Public Law 346, and veterans with service-incurred disabilities may be entitled to educational benefits under Public Law 16.

Under Public Law 346, eligible veterans are entitled to one year of education which, upon satisfactory completion, may be extended to equal the veteran's length of service (exclusive of ninety days and of special service courses) but not to exceed a total of four years, with subsistence allowances of $65 a month ($90 a month for veterans with dependents) and the payment of all tuition, laboratory, library and health fees, books, supplies, etc., not to exceed $500 for a school year. There are varying benefits under Public Law 16, determined in each case by the Veterans Administration.

Veterans who wish to enter Eastern under Public Law 346 should make application through Dr. R. D. Anfinson, Director of Veterans Services at the College. Admission to the College need not wait for final approval of the application by the Veterans Administration.

Veterans who wish to enter Eastern under Public Law 16 must make application to the regional office of the Veterans Administration. The Director of Veterans Services is prepared to assist in making such application. Application for benefits under Public Law 16 should be made as far as possible in advance of the date of entrance.

SCHOLARSHIPS

Military Scholarships. Any person entering war-time military service from Illinois and receiving an honorable discharge is eligible to a Teachers College Military Scholarship good for four years of training at any of the five teacher-training institutions. This scholarship covers the fees (registration, book rent, and student activity fee) due at the beginning of each quarter or term. Veterans who apply for and use the Military Scholarship pay only laboratory fees and fees for supplies and materials. This scholarship may be secured by presenting a certified copy of an honorable discharge to the Director of Veterans Services.

Teachers College Scholarships. These scholarships were first authorized by an act of the General Assembly in 1935, which was amended in 1945 as follows: The principal of each recognized four-year public and parochial high school shall certify to the county superintendent of schools of the county in which the high school is located the names and addresses of all students who ranked scholastically in the upper quarter of their graduating class and who graduated from such school during the last preceding calendar year in the order of their scholastic rank at the time of graduation. The student must signify his intention to prepare to teach in the public schools of Illinois. The county superintendent shall then certify the names of these students to the Superintendent of Public Instruction who shall issue to each student a scholarship which shall be accepted by any state normal university or teachers college if the student meets the admission requirements of the college.

The holder of a Teachers College Scholarship must make application for enrollment in the College by August 15. The scholarship is forfeited if the holder is not enrolled within ten days after the opening of the quarter. The student must present the scholarship to the Registrar on registration day, and pay his fees at that time. He will be reimbursed by the State at the close of the term or quarter for the expenditure made for registration fee, book rental, and student activity fee. Reimbursement may not exceed $80 for one college fiscal year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only $6.00 for the student activity fee and the book rental fee of $3.50. The scholarship must be presented on registration day.

University of Illinois Graduate Scholarship. The University of Illinois offers a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred fifty dollars. The student nominated by the faculty for 1946-47 was Luella Day, a major in Latin.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1946-47 was made to Arthur Vallicelli.

Pi Omega Pi Scholarship. In order to further interest in scholarship, the Alpha Chi Chapter of Pi Omega Pi awards annually ten dollars ($10.00) to the freshman Business Education major who at the end of the winter quarter has attained the highest general scholastic average. In order to qualify for the award, the student shall also have attained at least an average of B (2.0) in Business Education and hold active membership in the Commerce Club.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 has been amended to read as follows:

Section 1. It is the duty of the Department of Registration and Education to provide, insofar as moneys are appropriated to it for such purposes, for matriculation and tuition fees, board, room rent, books and supplies for the use and benefit of children, not under sixteen and not over twenty-two years of age, who have for twelve months prior to their application for these benefits had their domicile in the State of Illinois, of World War I veterans who were killed in action or who died between April 6, 1917, and July 2, 1921, and of World War II veterans who were killed in action or died after December 6, 1941, and before the cessation of hostilities of such war, as a result of service in the Army, Navy, or Marine Corps of the United States, or from other causes in World War I or World War II; which orphans are attending or may attend a state educational institution of a secondary or college grade, a business college or any high school, vocational training school or other educational institution in this State where courses of instruction are provided in subjects which would tend to enable such orphans to engage in any useful trade, occupation or profession. Said children shall be admitted to state institutions of secondary or college grade free of tuition. *Provided, however,* that not more than one hundred fifty dollars ($150.00) shall be paid for any one child for any one school year.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State College makes it possible for a student in the junior or senior year to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

In 1934 there was left to the college by the will of the late John L. Whisnand, of Charleston, upon the death of his widow, a portion of his estate as an endowment, the income from the endowment to be available for financial assistance to deserving students. The amount in trust with The Charleston National Bank as trustee is $5,765.91.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, organizing ability and teamwork on the part of prospective teachers, the administration encourages all students to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. There is a Student Council made up of representatives from the Men's Union, the Women's League, the social fraternities and sororities, the unaffiliated students, the classes and the dormitories.

Extra-curricular activities and the Student Health Service are financed by a Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the bi-weekly paper, *The Eastern Teachers News,* and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler.* This fee is divided among the various activities by an Apportionment Board. The major activities are in turn governed by boards composed of faculty and students, with student representation in majority. The boards for 1946-47 with their chairmen are as follows:

BOARD	CHAIRMAN
Apportionment	Earl S. Dickerson
Athletics and Sports	Charles P. Lantz
Entertainment	Glenn H. Seymour
Forensics and Dramatics	J. Glenn Ross
Health and Hospitalization	Mary E. Thompson
Music Activities	Leo J. Dvorak
Social Activities	Elizabeth K. Lawson
Student Publications	Francis W. Palmer

Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the College to the State Teachers College Board.

HEALTH SERVICE

The College Health Service maintains offices and examination rooms in the Health Education Building. This service supervises the annual physical examination and general health condition of students as recommended by the American Association of Teachers Colleges. Students are afforded seven days of free care in a ward of the local hospital upon recommendation of the Health Service.

STUDENT PUBLICATIONS

An eight-page newspaper, *The Eastern Teachers News,* is published bi-weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English, or by written application to the Board of Student Publications. For the last sixteen years *The Eastern Teachers News* has held first place in competitive ranking among the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937-46 the high position of medalist was achieved in the Columbia rating as well as All-Columbian, 1936-1945 and All-American in the University of Minnesota competition, 1945. *The Eastern Teachers News* is a member of the National

Scholastic, the Columbia University, and the Illinois College press associations.

The college yearbook, *The Warbler,* is issued anually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, 1940, 1941, and 1943 was rated medalist by Columbia University, and given All-American rating by the National Scholastic Press Association in 1938, 1939, and 1943.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for maintaining a balanced social program, and for exercising general supervision of all social activities of the College. Social functions are scheduled on the social calendar after approval of the committee. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are members of the Social Activities Board. The general social life of the College is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women.

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. It is governed by a Council of Nine, elected by the membership at large and representing each of the four classes.

ATHLETIC ACTIVITIES

The College is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. A well-organized program of intra-mural games for men is carried out.

Varsity Club. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

Women's Athletic Association. The purpose of this association is to advance the standards of sportsmanship and promote athletics. It is organized into clubs, such as hockey, soccer, badminton, bowling, basketball, baseball, archery, golf, tennis, social dancing, and the modern dance. Any woman is eligible for club membership and a W. A. A. letter is awarded to those who receive credit in eight clubs. The organization sponsors co-educational recreation activities, "Sports Days" with other colleges of the state, and a spring dance recital.

SPEECH ACTIVITIES

Dramatics. The dramatics organization is known as "The Players." Its leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The auditorium in the Health Education Building has a large stage with modern equipment.

Forensics. Eastern's intercollegiate forensic affiliations include Pi Kappa Delta, a national honorary society, the Illinois Intercollegiate Debate League, and the Illinois Intercollegiate Oratorical Association.

In 1946-47 Eastern was host to thirteen visiting colleges in the tenth annual invitational debate tournament.

Off-campus student participation in forensic tournaments included invitational meets held at Illinois State Normal University, at Southern Illnois State Normal University, at Indiana State Teachers College, the Illinois Intercollegiate Debate Tournament at Illinois Wesleyan University, the Illinois Intercollegiate Oratorical Contest at Northern Illinois State Teachers College, and the Pi Kappa Delta National Convention and Tournament at Bowling Green State University in Ohio.

During the year student speakers had various opportunities to appear before community organizations to discuss postwar problems.

Radio. Student speakers regularly participate in the radio programs which the College began sponsoring in 1946-47. These programs are produced daily in the College studio and are broadcast by remote control over Station WLBH in Mattoon.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and an orchestra. The major choral organizations are the College Chorus and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for students to study and perform music.

The music organizations provide music for various programs throughout the year, uniting to present "The Messiah" at Christmas in alternate years. A standard opera with complete score and authentic setting is presented at periodic intervals. The College Chorus, the Cecilian Singers, the Band, the Orchestra, and selected ensembles annually present public concerts and represent the College in concert tours through eastern and central Illinois.

CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests. Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Alpha Beta Gamma, a student branch of the National Association of Childhood Education, the purpose of which is to promote the education of young children. Students in the elementary education curriculum are eligible for membership.

Arcadian Club, a student organization interested in developing leadership in and through recreational and social activities such as community sings, folk dances, games, and dramatics. It aims also to develop mutual understanding and appreciation of rural and city communities through discussions, talks, and moving pictures.

Art Club, an organization of students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized to promote the professional growth, recreation, and general welfare of students in the Commerce department.

Eastern State Club, a campus organization formed in 1937, with membership limited to thirty-five students. It directs its efforts toward promoting greater student, faculty, and alumni interest in college affairs. The organization may elect one faculty member to honorary membership each year. Honorary members are: President Robert G. Buzzard, Winnie Davis Neely, Elizabeth K. Lawson, and Hobart F. Heller.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, an organization for young women enrolled in home economics with its primary objective to further the professional and social life of its members.

Independent League, an organization of students who are not affiliated with social fraternities or sororities. Its purpose is to foster college loyalty and democratic student government.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of Industrial Arts Teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Education Club, a joint club for students, faculty, and others interested in music education. The activities of the organization are planned to promote professional interest in the field and to give a purposeful perspective to those planning to teach.

Newman Club, a club of Catholic culture and fellowship. It is organized in order to deepen the spiritual and enrich the temporal lives of its members through a balanced program of religious, intellectual, and social activities; to bring the students of Catholic faith together; and to assist the College and its students whenever possible.

The Players, open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students of botany, zoology, physics, chemistry, and geography.

Sigma Delta, a local journalistic club formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is open to all students interested in journalism. Faculty and townspeople are welcome to attend meetings during which special speakers are presented.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, and discussion. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Wesley Fellowship, an organization open to students who are members of, or who prefer, the Methodist Church. Meetings are devoted to cultural and social programs.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

NATIONAL HONORARY FRATERNITIES

Kappa Delta Pi. Beta Psi Chapter of Kappa Delta Pi, an international honor society in education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta. Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau. Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in industrial arts, was installed May 25, 1933. Membership is limited to students with high scholarship in industrial arts and with personal qualifications that promise success in teaching.

Kappa Mu Epsilon. Illinois Beta Chapter of Kappa Mu Epsilon, a national professional fraternity in mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close cooperation with the Mathematics Club.

Theta Alpha Phi. Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in dramatics. The purposes of the organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi. Chi Chapter of Kappa Pi, a national honorary art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Pi Kappa Delta. Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in intercollegiate debate, oratory, and extempore speaking, Degrees of distinction, honor and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi. Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon. Rho Chapter of Gamma Theta Upsilon, a national professional geography fraternity, was installed July 9, 1940. The purpose is to promote geography in education. Only geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES AND SORORITIES

Fraternities

Phi Sigma Epsilon. Delta Chapter, a national social fraternity in teachers colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life.

Sigma Tau Gamma, a national social fraternity in teachers colleges, was installed in November, 1941. From 1929 to 1941 it existed as Fidelis, a local fraternity. The members are selected according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes.

Mu Gamma, a local social fraternity, organized November, 1946, with twenty-four charter members. Members are chosen according to scholarship, leadership, and participation in school activities.

Sororities

Delta Sigma Epsilon, Alpha Nu Chapter, a national teachers college sorority, was installed March 13, 1943, with the members of Chi Delta Gamma, a local sorority, initiated as charter members. The chapter has a sorority house occupied by the undergraduates and used as headquarters for the alumnae. It has a large, strong alumnae group and an active membership of about twenty-five. Members are chosen for their scholastic ability, leadership, and talent for living.

Phi Beta, a local sorority, was organized December 16, 1946. The sorority fosters an attitude of friendliness toward fellow students; upholds whole-heartedly Eastern's ideals; encourages development of character, scholarship and social grace.

Sigma Sigma Sigma, Alpha Psi Chapter, a national teachers college sorority, was installed February 28, 1942, with the members of Alpha Tau Nu, a local sorority, initiated as charter members. There is a strong alumnae group in an effectively organized chapter. The chapter maintains a sorority house. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student organizations.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the President of the College must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class President.
Editor of the *Warbler* or *News*.
Business Manager of the *Warbler* or *News*.
President of a fraternity or sorority.
Treasurer of a fraternity or sorority.
President of the Men's Union.

President of the Women's League.

President of the Student Council.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file with the chairman of the faculty committee a list of all officers, as soon as they are elected.

6. A student who is on probation may participate in extra-curricular activities only with the permission of the Dean.

ALUMNI ORGANIZATIONS

The Alumni Association: The officers of the Alumni Association are: Mr. Donald K. Neal, '40, President, Charleston; Mr. Charles A. Elliott, '31, Vice-President, Charleston; Mrs. Dorothy Tripp, '29, Secretary and Treasurer, Charleston. These officers were elected for 1946-47 at Homecoming, 1946.

Executive Committee: Carrie Jordan Manuell, '12 (Mrs. Thomas Manuell), 958 West William, Decatur; Mr. Walter E. McAllister, '43, Vandalia; Miss Rebecca Jean Henderson, '44, Shelbyville; Miss Mary A. Bratton, '37, Mattoon; Mr. Leon Stewart, '41, Rantoul; Mr. Robert Frame, '43, Ottawa.

State Committee: Mr. Robert Wright, '38, Casey; Mr. William Peters, '31, Charleston; Mr. Arthur C. Forster, '23, Paris.

The Alumni organizations of the five state teachers colleges have joined to form an Alumni Council. Each institution is represented by the President of the College, the Alumni Association president, two representatives of the Alumni Association, and the college public relations officer.

Alumni Day: Alumni Day will again be held annually in the spring, beginning with 1947. At that time an executive and state committee will be elected for the Alumni Association.

Associated Eastern State Clubs: Beginning with a Cumberland county club organized in December, 1946, a number of Eastern State Clubs have been reorganized on a county basis during the past several months. These units provide an agency for fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program. The activities of the clubs, which help to keep former students in contact with college events, are instrumental in bringing large groups back for Homecoming in the fall.

On Alumni Day in May, officers of the clubs meet on the campus and form an Executive Council composed of ten persons chosen to direct the affairs of the clubs.

The president of the Alumni Association automatically becomes a member of the Council and the president of the student Eastern State Club on campus is an ex-officio member, as is the college public relations and alumni service director, Stanley Elam. Other Council members are elected for two-year terms.

This year the Associated Clubs issued the first *Eastern Alumnus*, a magazine intended to become a quarterly.

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them to secure well-qualified teachers. It serves students and alumni by assisting them to secure positions.

The Bureau of Teacher Placement furnishes to prospective employers information needed in considering applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and references from faculty members and the home community.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the College.

The services of the bureau are free to students who have been enrolled in the College for at least one year. Alumni who wish to register with the bureau are charged a $1.00 registration fee.

THE CERTIFICATING LAW

I. A limited elementary school certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.*

(B) Applicants who hold a bachelor's degree in elementary education with a minimum of sixteen semester hours in education including at least five semester hours in student teaching.

II. A limited kindergarten-primary certificate may be obtained as follows:

(A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.

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* Students planning to take the state examination for certificate to teach in the elementary or rural schools at the end of two years of college work should consult outline on page 68, when they enroll.

(B) Applicants who hold a bachelor's degree with at least sixty semester hours in a recognized kindergarten-primary training school with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching.

III. Graduation with the degree from a high-school curriculum gives a limited high-school certificate.

IV. If the student has taught successfully for four years he may also have a supervisory certificate.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

Note: For certification and graduation requirements relative to scholarship, see pp. 52 and 54.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE CERTIFICATING LAW ENACTED BY THE SIXTY-SECOND GENERAL ASSEMBLY, 1941

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE						
	Supervisory	High School	Special	Kindergarten Primary	Elementary	Vocational	Junior College
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. SCOPE OF VALIDITY:							
(a) Duration of time	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted	Teaching; supervision	Teaching	Teaching; supervision	Teaching; supervision kindergarten	Teaching	Teaching	Teaching; supervision
(c) Grades of school system	1-12	7-12	1-12	1-3	1-9	7-12	13-14
II. REQUIREMENTS FOR ISSUE ON CREDITS:							
(a) College semester hours	120	120	120[1]	120[2]	120	Prescribed by Board[6]	Master's[8]
(b) Semester hours in education	16	16[3]	16[3]	16[3]	16[3]	15 15 15 120[9]	20
(c) Teaching experience	4 yr.	0	0	0	0	0	0
(d) [4]Renewal conditions	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth		Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:							
(a) College semester hours			60[5]	60[5]	60[5]		
(b) Teaching experience			0	0	0		
(c) Number of subjects written			Prescribed by Board	Prescribed by Board	Prescribed by Board		
(d) College semester hours for renewal—							
1. First renewal			75	75	75		
2. Second renewal			90	90	90		
3. Third renewal, etc.			120	120	120		
IV. CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:							
(a) Years of successful experience	Super. 4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]	4 yr.[7]		
(b) College semester hours required	Master's	Master's	Master's	Master's	Master's		
(c) College semester hours in education	22	22	22	22	22		
(d) Name of certificate received	Life Supervisory	Life High School	Life Special	Life Kindergarten Primary	Life Elementary		

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[1] Minimum amount of training in the subject to be determined by the Examining Board.
[2] Including 60 semester hours in a recognized kindergarten-primary training school.
[3] Including 5 semester hours in practice teaching.
[4] Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.
[5] Ten semester hours in education, of which five shall be in practice teaching.
[6] Must meet requirements of Examining Board.
[7] Two years of which shall have been in Illinois.
[8] Including major in field taught.
[9] Including 16 semester hours in education.

Snow Scene

II. INSTRUCTION

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college proper and the Training Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each. In addition there is a summer term of eight weeks.

REGISTRATION

Orientation Program for New Students: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are required to meet in the old Auditorium at nine o'clock on Thursday, September 11, 1947.

Upper classmen who have pre-registered must complete their registration during the morning of September 15.

Classwork for all students starts at eight o'clock, Tuesday morning, September 16.

ADMISSION REQUIREMENTS

Admission to Freshman Class: Graduation from a recognized or accredited four-year high school admits to membership in the freshman class. A veteran of World War II may be admitted through the attaining of a satisfactory score in the General Educational Development Test of the United States Armed Forces Institute. Veterans who wish to take this test may obtain further information from the Director of Veterans' Services.

Probationary Freshman Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in the freshman year.

Transfer Students: Students transferring from other colleges must present high school and college credentials and are given advanced standing only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons are admitted on the same conditions on which

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they would be readmitted to the institution from which they were dropped or placed on probation.

College Credit for Military Service: Veterans who wish to apply for advanced standing for college courses or training courses taken while in military service should submit a record of courses taken to the Registrar. Evaluation of such courses is made in accordance with the recommendations contained in the handbook of the American Council on Education provided the courses taken can be considered as reasonable substitutes for work ordinarily accepted by the College for advanced standing.

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the Registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

Application for admission blanks and detailed information regarding transfer of credits may be obtained by writing to the Registrar.

A registration permit is mailed to each prospective student when his application for admission and his record have been checked and filed.

GRADUATION

Degree. The degree of Bachelor of Science in Education (B.S. in Ed.) is conferred upon successful completion, subject to the rules given below, of the requirements of any of the four-year curricula described in this bulletin.

Each curriculum prescribes one hundred ninety-two quarter hours of regular courses, together with one quarter hour in library use (Library 120) and required courses in physical education. Two of the curricula, Business Education and Elementary Education, require, in addition, a one quarter hour course in penmanship (Business Education 120).

Prior to September, 1943, students were required to take physical education during the six quarters of their first two years of residence, and to present for graduation, therefore, six quarter hours in physical education. Beginning with the fall quarter of 1943 all students are required to take physical education during every quarter of residence. The number of quarter hours of physical education required for graduation is thereby modified to equal the total number of quarters in which the student was, or should have been, registered for the work during his total period of residence.

Credit earned in dramatics or in musical organizations is in excess of the total required for graduation, except for "ensemble" credit given to students with a major or a minor in music.

Correspondence courses taken through accredited colleges or extension courses taken either through this institution or other accredited colleges are accepted toward a degree provided such courses are in harmony with curriculum requirements and provided the total does not exceed forty-eight quarter hours.

Credit earned in residence in other accredited colleges is accepted toward a degree provided it is in harmony with curriculum requirements and provided that no senior whose grade point average is less than 1.0 may transfer such work for credit.

A year of residence work (Senior College credit) is required for the degree.

One-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This is a standard of the American Association of Teachers Colleges.

Scholarship requirements for graduation are given in the next section.

The University of Illinois admits to full graduate standing graduates of the Teachers College who present twenty semester hours (thirty quarter hours) of content courses in one major academic subject other than education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

Diploma. The junior college diploma is awarded upon successful completion of any two-year curriculum outlined in this bulletin, with a grade point average of 1.0 or higher, and with three-fourths of the grades C or above. At least one year of residence work is required for the diploma.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on April 1. A statement of the courses necessary for the completion of his work is given to each senior in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. **No names will be added to the list of candidates for graduation after April 1.** A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

Special Requirements for Degree or Diploma. A graduation fee of $5.00 is due and payable by April 1 from all candidates for graduation. This fee covers all graduation expenses, including use of cap and gown.

Registration with the Bureau of Teacher Placement is a graduation requirement.

A photograph, size not larger than 1½" x 2½", is required of each candidate for graduation for the files of the Registrar's Office.

Junior English Examination. In the winter quarter of each school year all Juniors are required to take the Junior English Examination, a test set up by the faculty to see that students soon to engage in practice teaching have a decent standard of written English. The passing of the examination is a requirement for graduation. Students whose English is shown by the test to be deficient must remove their deficiency by taking such instruction as the Department of English shall designate.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing[1]	0 grade point
E, Incomplete work	0 grade point
W, Withdrew[2]	0 grade point
F, Failure	—1 grade point

I. **Graduation Honors.** These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year and the sophomore year in the case of Junior College diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his academic courses and B average in the remainder.

Graduation with honors requires a grade of A in one-half of the student's academic courses; B or higher in one-fourth of his academic courses; and C average in the remainder.

Graduation honors are noted on the diploma and announced at Commencement.

II. **Scholarship Honors.** Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. **Admission to Student Teaching.** 1. For registration for student teaching in any quarter in any curriculum a student must have a C (1.0) average or higher.

2. Students transferring from other colleges must be in attendance at least one summer term or one quarter during which they earn sixteen quarter hours of credit. They must have a C average, or higher, for all their work and meet all the other requirements that apply to eligibility for student teaching.

3. Students who meet all the requirements may be admitted to student teaching in the sophomore or junior year with permission of the Dean and the Director of Teacher Training.

4. No student may be admitted to student teaching until he has achieved full sophomore standing and has completed at least eight quarters hours in education, Library 120, and Business Education 120.

5. No junior or senior is eligible to take student teaching until he has completed Library 120. Students in a four-year elementary or

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[1] Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

[2] The grade W (Withdrew) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time *without the written permission of the Dean of the College* entails a grade of F (Failure).

business education curriculum must also have completed Business Education 120 before being eligible for student teaching.

IV. **Certification and Graduation Requirements.** C average (1.0) is required for graduation and for recommendation for certification. Not more than one-fourth of the student's grades may be D.

An average of C in the major subject is also required for graduation.

V. **Extra Work.** No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking student teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. **Probation.**

Regular School Year.

A student is considered to be on probation during a quarter if in the preceding quarter he received in regular four quarter hour courses any of the following:*

1. A total of less than two grade points.
2. Three grades of D.
3. A grade of F in one course and lower than C average in the remaining courses.
4. Grades of F in two courses.

A student who is on probation is reported as on probation here if he has his record sent to another college. Students on probation are not permitted to take more than three courses each quarter.

Summer Term. Students who fail in one course and have less than C average in the remaining courses or who receive two grades of D are on probation for the following quarter.

VII. **Exclusion.** A student who fails in three courses, twelve quarter hours, in any quarter, is dropped from the College.

A student who has been on probation for two consecutive quarters and whose grades at the end of this period would place him on probation again is excluded from attendance for a period of one calendar year unless he is given special permission by the Dean to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another institution.

VIII. **Withdrawal.** A student who wishes to withdraw from the College before the end of a quarter must notify the Registrar at the time of withdrawal. Such a student will receive grades of W in all courses, except that if the withdrawal takes place after the close of the eighth week of the quarter, grades of W will be recorded only for courses in which he is doing passing work with grades of F for courses in which he is failing.

If a student discontinues attendance in all classes without notifying the Registrar of intention to withdraw from the College, grades of F will be recorded in all courses, and his record will be marked "Dropped for low scholarship" if transferred to another institution.

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* Music students and others whose curricula prescribe courses of one and two quarter hours will have their probation status determined after weighting the grades in such courses.

IX. **Attendance at Classes.** Students are expected to attend all classes for which they are registered unless prevented by illness or some other urgent reason. Students who have been absent because of illness must present a permit from the Health Service upon returning to classes.

No student may register for any course not scheduled on the program.

EXTENSION SERVICE

The organization of Extension courses has made it possible for the College to assist teachers in service to continue their education. Extension work to the extent of not more than 48 quarter hours of credit may be accepted toward graduation.

Organization. Classes may be organized in communities in which twenty or more students can agree upon an acceptable course. The courses offered are usually on junior or senior year level, but freshman or sophomore courses may be offered if desired.

COURSES OFFERED IN 1946-47

Course Number	Center	Instructor
Education RE220 (Reading) (Summer, 1946)	Campus	Dr. Edwards and Dr. Heise; Supervising Teachers: Misses Nina Crawford, Veronica Becker Elsie Hampton, Florence Reid, Leah Stevens, Harriet Love, and Mrs. Mary Samter
Education E220 (New State Curriculum Guide) (Summer, 1946)	Effingham	Dr. Klehm, Dr. Haight, Dr. Hartley, Miss Harris, Dr. Olsen, Miss Hinman, Dr. Heise
Education E226	Toledo, Marshall, Paris	Dr. Heise
Education E326	Taylorville, Newton, Flora	Dr. Heise
Education E344	Sullivan	Dr. Heise
Education E447	Mattoon	Dr. Zeigel
Education E450	Vandalia	Dr. Olsen
Geography E236	Effingham	Miss Harris
Geography E340	Shelbyville Tuscola	Miss Harris
Industrial Arts E225	Fairfield	Mr. Thrall
Music RE220 (Elementary School Music)	Campus	Dr. Dvorak
Physical Education E345	Olney, Mt. Carmel	Dr. Haight
Speech E345	Taylorville	Dr. Ross
Speech E433	Litchfield	Dr. Ross

For description of courses, refer to respective departments under "Description of Courses."

Entrance. The courses are open to (1) high-school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon previous attendance at the Eastern Illinois State Teachers College.

Credit. Classes meet in weekly periods of one hundred fifty minutes each for sixteen weeks. Four quarter hours of credit are given upon satisfactory completion of a course.

Fees. The fees are $7.50 for each course with an additional charge of $1.50 for textbook rental. When textbooks cannot be supplied by the college textbook library the rental fee is waived and the members of the class must buy their own books.

Veterans of World Wars I and II who were residents of Illinois at the time of entering the service upon presentation of an honorable discharge are granted a Teachers College military scholarship to cover the fees and textbook rental ($9.00).

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours). The normal load in one quarter is 16 quarter hours of prepared work.

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation except for those whose major or minor is music. Such students receive certain stated credits under the title "Ensemble."

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300-399, junior courses; 400-499, senior courses.

MAJOR AND MINOR SUBJECTS

In the curricula for high-school teachers, a student takes at least 36 quarter hours of work in a major subject exclusive of courses in methods and in practice teaching and 24 quarter hours each in one or two minor subjects. In some cases the minor subjects are specified by the department of the major subject and in other cases left to the student's choice. The courses in the minor subjects must constitute two years' work in some one department or related field. One of the three terms of practice teaching should be in a minor subject.

A student may take the Bachelor of Science in Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have an academic minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

ELECTIVES

Each curriculum provides for a number of elective courses. Students are urged to use their electives, in the main, to build additional minors.

A few courses are not accepted as electives in certain curricula. These exceptions are noted in the Description of Courses.

DESCRIPTION OF CURRICULA

I. FOUR-YEAR CURRICULA

1. For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Hygiene 120, Mathematics 120, 121
Social Science 137, 138, 139
Biological Science 126, 127, 128
Business Education 120
Library 120
Physical Education (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Education 228
Art 130, Art 224 (124), Industrial Arts 224
Physical Science 100, 101, 102
Education 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Education 324 (224), 325 (225), 343
Social Science 233, 234, 235
Elective, Geography 221, 236
Elective, Industrial Arts 225, Music 228
Physical Education 315, 316, 317
Junior English Examination

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348*, Speech 345
Elective, Education 344, Education 447
Advanced Elective (Year)
Physical Education (Year)

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* Or English 343 or 344 or 449.

Note: Those preparing for the lower grades should choose English 122 instead of English 124 or 126.

2. For Preparation of High-School Teachers

The "core" of the four-year curriculum for high-school teachers is the same in all departments with the exception mentioned in the footnotes. In order to aid students who may wish to transfer from one major to another, these requirements are listed below:

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Major Subject (Year)
Hygiene 120
Library 120
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Major Subject (Year)
Methods in Major Subject (1 quar.)
Junior English Examination
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)*
Major Subject (Year)
Physical Education (Year)

This leaves a minimum of 10 electives.

SENIOR YEAR

Teaching 441, 442, 443
Speech 345
Major Subject (Year)
Minor Subject (Year)
Physical Education (Year)

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The creative work is emphasized in design, color, and drawing, and their many applications. Courses in history and appreciation are given as background.

FRESHMAN YEAR

English 120, 121, 125
Hygiene 120, Social Science 233 or 234, 138 or 139
Laboratory Science (Year)
Art 130, 131, 132
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Minor Subject or Elective (Year)
Art 236, 237, 238
Art 234, 226, 228
Physical Education (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
Minor Subject (Year)
Speech 345, Art 344, 340
Art 345, 449, 355
Physical Education (Year)

SENIOR YEAR

Teaching 442, 443, Art 453
Minor Subject or Elective (Year)
Art 447 or 352, 448 or 455, 460
Elective, Elective, Education 344
Physical Education (Year)

Requirements for a Minor in Art:

Elementary Curriculum: Art 130, 131, 132, 239 or 227, 226, 236 or 237 or 238 or 351, 345. Art 345 should be taken instead of Art 224 by majors in Elementary Education. One quarter of teaching of art is recommended.

High-School Curricula: Art 130, 131 or 234, 132, 226, 228 or 355, 236 or 237 or 238 or 351, 340, 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. BUSINESS EDUCATION

(1) SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Business Educ. 141
Business Education 110, 111, 112
Business Education 123, 124, 125
Hygiene 120, Geography 120, Business Education 140
Physical Education (Year)
Library 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Business Education 340T, Business Education 340S
Minor Subject (Year)
Physical Education (Year)

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* At least one of the quarters in Social Science must be chosen from Social Science 233, 234, 235.

Note: There are a few exceptions to the above requirements which are noted in the outline of the major field.

SOPHOMORE YEAR

Education 230, 231, 232
Business Education 210, 211, 212
Laboratory Science (Year)
Business Education 223, 224, 225
Physical Education (Year)
Business Education 120

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Business Education 446, 447
Advanced Minor Subject (Year)
Physical Education (Year)

(2) ACCOUNTING

FRESHMAN YEAR

English 120, 121, Business Education 141
Business Education 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Business Education 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Business Education 210, 211, 212
Social Science 233, 234, 235
Business Education 230, 231, 232
Physical Education (Year)
Business Education 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Business Education 330, Business Education 448
Business Education 340B, Business Education 340T, Business Education 340I
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Business Education 446, 447
Minor Subject (Year)
Physical Education (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES

FRESHMAN YEAR

English 120, 121, Business Education 141
Business Education 110, 111, 112* or Business Education 210, 211, 212
Business Education 123, 124, 125* or Business Education 223, 224, 225
Hygiene 120, Geography 120, Business Education 140
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Laboratory Science (Year)
Business Education 230,* 231, 232
Social Science 233, 234, 235
Physical Education (Year)
Business Education 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Business Education 330
Business Education 340B, Business Education 340T, Business Education 340I
Business Education 340S
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Business Education 446, 447, Geography 447
Minor Subject (Year)
Physical Education (Year)

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* Exempt by passing placement test.

Requirements for a Minor in Business Education:

It is suggested that the minor be taken in shorthand and typewriting, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in business education: accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students with a major in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand are required to complete one year of accounting.

Students with a major in accounting who pass a placement test and are thereby exempt from the first year of typewriting are required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR
English 120, 121, 126
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (Year)
Library 120

SOPHOMORE YEAR
English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Hygiene 120, Elective (2 quarters)
English 230, 236, 234
Physical Education (Year)

JUNIOR YEAR
Education 343, 344, 345
Speech 345, Social Science 233 or 234, English 340
English 343, 344, Art 351
English 346, 347, 348
Physical Education (Year)

SENIOR YEAR
Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451
Physical Education (Year)

Notes: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Eighteen English courses are required for graduation in the English curriculum.

3. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239); 346, 347, 348, 449 may be used for credit toward a minor in English, or other courses by arrangement. It is recommended that the following be always included: English 230 or 231, 234, 236, and 348.

D. FOREIGN LANGUAGES

1. Latin

FRESHMAN YEAR
Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective (Year)
Social Science 137, 138, Hygiene 120
Physical Education (Year)
Library 120

JUNIOR YEAR
Latin 343, 344, 345
Speech 345, Social Science 233 or 234, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)
Physical Education (Year)

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* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)
Physical Education (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

2. French

FRESHMAN YEAR

French 130, 131, 132*
English 120, 121, 125
Laboratory Science (Year)
Social Science 233 or 234, Elective, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

French 230, 231, 232
Education 230, 231, 232
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

French 333, 334, 335
Education 343, 344, 345
Speech 345, Geography 343, French 340
Suggested Minor, German, Latin or Spanish
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
French 336, 337, 338
Social Science 346, 347, 348
Advanced Elective (Year)
Suggested Minor, German, Latin or Spanish
Physical Education (Year)

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* Students who have credit for two years of French in high school should register for French 230, 231, 232.

3. Spanish

FRESHMAN YEAR

Spanish 130, 131, 132*
English 120, 121, 125
Laboratory Science (Year)
Social Science 233 or 234, Geography 231, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Spanish 230, 231, 232
Education 230, 231, 232
Speech 345, Elective (2 quarters)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Spanish 233, 234, 235
Social Science 349, 350, Spanish 340
Education 343, 344, 345
Suggested Minor, French, German or Latin (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Spanish 333, 334, 335
Suggested Minor, French, German or Latin (Year)
Advanced Elective (Year)
Physical Education (Year)

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* Students who have credit for two years of Spanish in high school should register for Spanish 230, 231, 232.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, 221, 130
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters)* Hygiene 120
Geography 233, 231, 236
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Elective (Year)
Minor Subject (Year)
Geography 447, 343, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective, Elective, Geography 340
Advanced Elective (Year)
Social Science 354, 355, Speech 345
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Geography:

For elementary grades or department teachers, Geography 120, 130, 221, 231, 236 and 340G; for high-school teachers, Geography 120, 130, 221, 233 (or 231), 236, and 447.

F. HOME ECONOMICS*

FRESHMAN YEAR

Hygiene 120, Art 130, 131
Botany 120, Chemistry 130, 131
English 120, 121, 125
Home Economics 101, 102, 201
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 210, 211, 212
Education 230, 231, 232
Home Economics 202, 203, 204
Home Economics 232, Botany 235
Home Economics 245, 246 (4 q. h.)
Physical Education (Year)

JUNIOR YEAR

Home Economics 344, 347, 304
Art 344, Social Science 330, Physics 322
Home Economics 345, Elective, Home Economics 346
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Home Economics 340, Education 343, 345
Education 458, Speech 345, Social Science 453, or 454, or 455
Teaching 441, 443, Social Science 235
Teaching 442, Elective, Elective
Physical Education (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203, 232, 347.

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* A 1.5 average is required to qualify for teaching in Vocational schools.

G. INDUSTRIAL ARTS

FRESHMAN YEAR

English 120, 121, 125
Industrial Arts 134, 136 (135), 150
Laboratory Science or Elective (Year)
Hygiene 120, Art 129, Industrial Arts 135
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Elective or Laboratory Science (Year)
Industrial Arts 231 (131), 232 (452), 226
Industrial Arts 259 (359), 260 (460), Elective (4 hours)
Physical Education (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
Industrial Arts 352 (348), 354, Elective
Education 343, 344, Elective
Social Science 233, 234, Speech 345
Physical Education (Year)

SENIOR YEAR

Elective (Year)
Industrial Arts 345 (2 hours), 365 (2 hours), 350, 355
Education 345 or 458
Teaching 441, 442, 443
Elective (8 hours)
Physical Education (Year)

Notes: 1. An academic minor is required.

2. For good cause, exemptions or substitutions will be allowed in Printing or Machine Shop.

3. One of the three quarters in student teaching is required in the minor subject.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Mathematics 132, 120, 133
Mathematics 130, 131, 134
Physical Education (Year)
Library 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Mathematics 340
Minor Subject (Year)
Mathematics 343, 344, 345
Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Laboratory Science (Year)
Mathematics 235, 236, 228
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134, 228, 235, and 236. If Solid Geometry was not taken in high school, Mathematics 132 must be added.

I. MUSIC

FRESHMAN YEAR

Music 146, 147 (4 q. h.), Hygiene 120
Music 123, 124, 125 (6 q. h.)
English 120, 121, 125
Laboratory Science (Year)
Applied Music (6 q. h.)
Ensemble (No credit)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Music 230, 231, 232
Music 236, 237, 238 (6 q. h.)
Education 230, 231, 232
Social Science (2 quarters),* Music 228
Applied Music (6 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

JUNIOR YEAR

Music 351, 352, Music 337 (2 q. h.)
Music 356 (2 q. h.), Music 340, Music 347 (2 q. h.)
Education 343, Speech 345, Education 345
Minor Subject (Year)
Applied Music (5 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

SENIOR YEAR

Music 449, 450 (4 q. h.)
Teaching 441, 442, 443
Minor Subject (Year)
Advanced Elective (Year)
Applied Music (4 q. h.)
Ensemble (3 q. h.)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

NOTES:

1. Applied music (21 q. h.), including two years of piano, one or two years of voice and one year of study on some band or orchestral instrument, is required of all music majors.

Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:

(a) Major applied field: Creditable public appearance in the student's major performance field.

(b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.

(c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.

2. A student may be excused from any instrumental technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.

3. Participation in the band, orchestra, and chorus each quarter for four years is required. Credit is given at the end of the spring quarter of the last three years as indicated on p. 110.

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, Piano (3 quarters) and Voice (3 quarters), a total of 26 quarter hours. Ability to teach music satisfactorily in the grades as demonstrated through supervised teaching in the Elementary Training School. Participation in at least one of the following college music organizations each year of residence: Chorus, Cecilian Singers, Orchestra or Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449, 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quarter hours. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High School. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 146, 147, 236, 237, 238, 337, 356 (three to five quarters); Music 347, 449, 450, a total of 26 to 30 quarter hours. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, as demonstrated through supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION

1. Men

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Zoology 120, 121, 225
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Physical Education 244, Physical Education 226, 227
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (Year)

JUNIOR YEAR

Speech 345, Elective, Physical Education 340
Physical Education 347, 348, 349
Physiology 345, Physical Education 350, 451
Education 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective, Physical Education 452, 453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)
Physical Education (Year)

Requirements for a Minor in Physical Education

Physical Education 120, 122, 226, 227 (any three of these courses); Physical Education 347, 348, 349, 350, 452 (any three of these courses), Physical Education 121 may be substituted but is not recommended.

2. Women

FRESHMAN YEAR

English 120, 121, 125
Zoology 120, 121, 122
Physical Education 130, 131, 132 (344)
Music 120, Social Science (2 quarters)*
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physical Education 244, Zoology 225, Physiology 345
Physical Education 233 (454), 234 (450), 235
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 343, 344, 345
Minor Subject (Year)
Physical Education 341, 346, 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 345, 2 Adv. Electives
Physical Education 450, 451, 456
Minor Subject (Year)
Physical Education (Year)

Requirements for a Minor in Physical Education:

Zoology 225, Physical Education 233, 234, 343, 346, 458.

All majors and minors in Physical Education are required to take part in the activities of the Women's Athletic Association each term of residence.

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* At least one quarter must be chosen from Social Science 233, 234, 235.

K. SCIENCE (Biological)

Note: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

1. Botany

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Geography 236
Education 343, 344, Botany 340
Botany 344, 343, 346 (446)
Zoology 230, 231, 232 (or Zoology 343, 344, 345)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or Elective)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

2. Zoology

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters),* Hygiene 120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology 340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

1. Chemistry

FRESHMAN YEAR

Chemistry 130, 131, 132
English 120, 121, 125
Mathematics 130, 131, 134
Elective (Year) (Preferably Physics 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)*
Elective (Year) (Preferably Mathematics 235, 236, 345)
Physical Education (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective, Chemistry 340
Elective (Year)
Education 345, 343, Elective
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Education 344, Elective (2 quarters)
Chemistry 446, 447, 448, or Chemistry 450, Elective (2 quarters)
Advanced Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and a second year's work in analytical or organic chemistry or a combination of these two (see page 127).

2. Physics

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 131, 132
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 237, 335
Mathematics 235, 236, 345
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Physics (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters),* Education 343
Elective (Year)
Physical Education (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Physics (Year) or Elective (Year)
Advanced Elective (Year)
Physical Education (Year)

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* At least one quarter must be chosen from Social Science 233, 234, 235.

Requirements for a Major in Physics:

The courses required for a minor plus three additional physics courses. An additional three courses are desirable.

Requirements for a Minor in Physics:

Physics 130, 131, 132 and Physics 236, 237 and 335.

Possible Minors: Mathematics, Chemistry, Foreign Language (preferably German). One year each of botany and zoology constitutes a teaching minor in Biological Science.

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Geography 120, 130, Hygiene 120
Physical Education (Year)
Library 120

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (Year)

JUNIOR YEAR

Education 345, 343, Speech 345
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (2 quarters), Social Science 340
Physical Education (Year)

SENIOR YEAR

Education 344, Geography 447, Elective (1 quarter)
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356, or 453, 454, 455
Physical Education (Year)

Requirements for a Minor in Social Science:

Social Science 233, 234, 235, and any other year's sequence in Social Science.

N. SPEECH

FRESHMAN YEAR

Speech 130, 131, 132
English 120, 121, 125
Minor Subject (Year)
Laboratory Science (Year)
Physical Education (Year)
Library 120

JUNIOR YEAR

Speech 337 (135), or 335, 331, 445
Education 343, 344, 345
Social Science (Year)*
Minor Subject (Year)
Physical Education (Year)

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* One quarter must be chosen from Social Science 233, 234, 235.

SOPHOMORE YEAR

Speech 244 (444), 250, 246 (346)
Education 230, 231, 232
Hygiene 120, Zoology 225 or Art 256, Music 229
Minor Subject (Year)
Physical Education (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 433 (233), 434 (234), or 446, 435 or 431 (131)
Minor Subject (Year)
Advanced Elective (Year)
Physical Education (Year)

Requirements for a Minor in Speech:

Speech 130, 131, 132, 331, 433, and 445.

II. TWO-YEAR CURRICULA

For Preparation of Grade Teachers for Examination for a Limited Elementary Certificate.

The following curriculum is suggested to students who plan to apply for certification through examination. Examinations are given by the State Examining Board at the end of two years of college work.

FIRST YEAR

Education 230, 231, 232
English 120, 121 and 122, or 124 or 126
Biology 126, 127, 128
Mathematics 120, 121, Music 120
Library 120, Business Education 120
Physical Education (Year)

SECOND YEAR

Education 324, Teaching 220, 221
Social Science 233, 234, 235
Industrial Arts 224 or 225, Geography 120, Education 228
Hygiene 120, Art 224, Geography 130
Physical Education 315, 316, 317

Curriculum GB

GENERAL CURRICULUM

This curriculum offers a wide choice of electives but requires that they conform to a pattern which encourages both depth and breadth of education. The curriculum is recommended to students who have not yet decided upon a field of major interest and wish to explore several fields, to students who have definite plans for transferring to other colleges at the end of the first two years, and to students who wish to round out their education with two years of general college work. It may be adapted readily to needs of students who are interested in business careers.

By proper choice of electives students who complete this curriculum are able to satisfy the requirements for a degree in botany, chemistry, business education, English, foreign languages, geography, mathematics, physics, social science, or zoology with two additional years of residence in the College.

FIRST YEAR

English 120, 121, 125
Laboratory Science[1]
Elective[2]
Elective[2]
Library 120
Physical Education

SECOND YEAR

Social Science 233, 234, 235
Foreign Language[3]
Elective[4]
Elective[5]
Physical Education

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[1] May be one year of botany, general biology, physics, chemistry, zoology, or general physical science.

[2] Must be selected so that the four subjects are in four different fields. Courses in education may not be counted as elective.

[3] If the student has had two years of foreign language in high school he may substitute an elective.

[4] Must be the second year in some subject studied during the first year.

[5] May be the second year in some subject studied during the first year.

Curriculum GE

COURSES BASIC TO ENGINEERING

This curriculum is designed for students who plan to transfer to colleges of engineering at the end of the second year. The courses parallel those required in the first two years in many such schools. Students who complete this curriculum and decide to remain at the College may have junior status in a curriculum with major in mathematics, physics, or chemistry.

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, 132
Mathematics 130, 131, 134
Industrial Arts 231, 232, Elective
Library 120
Physical Education

SECOND YEAR

Physics 130, 131, 132
Mathematics 235, 236, 345
Suggested Electives (12 q. h.)
Approved Electives (12 q. h.)
Physical Education

Curriculum GM

PRE-MEDICAL COURSES

The courses in this curriculum correspond to courses usually required for admission to medical schools. The student should consult the catalogue of the school he proposes to enter before choosing electives.

FIRST YEAR

Chemistry 130, 131, 132
English 120, 121, 125
Zoology 120, 121, Hygiene 120
Electives (12 q. h.)
Library 120
Physical Education

SECOND YEAR

Chemistry 343, 344, Zoology 225
Foreign Language (Year)
Physics 130, 131, 132
Electives (12 quarter hours)
Physical Education

It is recommended that electives be chosen from the following courses: Chemistry 345, 234b, 235, Education 231, Zoology 346, 446, Botany 120, 121, 122, Mathematics 130, 131, Social Sciences, Geography.

Curriculum GD

PRE-DENTAL COURSES

The courses prescribed above for pre-medical students are recommended also for pre-dental students except that Zoology 122 should be substituted for Zoology 225.

Curriculum GJ

COURSES BASIC TO STUDY OF JOURNALISM

FIRST YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective[1]
Elective[2]
Library 120
Physical Education (Year)

SECOND YEAR

English 235, 236, 237, or 230, 231, 234
Journalism 210, 211, 212
Social Science 233, 234, 235
Elective[3]
Physical Education (Year)

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[1] Students who have not had foreign language in high school should elect a year of foreign language.

[2] Social Science 137, 138, 139 are strongly recommended.

[3] Art 237, 238, and Music 229 are recommended.

Curriculum GL

PRE-LEGAL COURSES

FIRST YEAR

Social Science 233, 234, 235
English 120, 121, 125
Hygiene 120, Social Science 138, 139
Laboratory Science (Year)
Library 120
Physical Education

SECOND YEAR

Social Science 254, 255, 256
Business Education 230, 231, 232
Electives (24 quarter hours)
Physical Education

Recommended electives: Social Science, Speech, Latin.

A student who decides to change to the four-year social science curriculum after completing the two-year pre-legal curriculum may do so without loss of credit hours by taking in his junior year: Education 230, 231, 232; Social Science 137, Education 343, Speech 345; Social Science 346, 347, 348; and Geography 120, 130, Social Science 340; and in his senior year: Education 344, 345, Geography 447; Social Science 363, 364, 365; Social Science 453, 454, 455; and Teaching 441, 442, 443.

Curriculum GN

PRE-NURSING COURSES

This curriculum is planned to satisfy an increasing demand that nurses take at least two years of college work before beginning their professional training.

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, Elective
Zoology 120, 121, Hygiene 120
Botany 120, 235, Elective
Library 120
Physical Education

SECOND YEAR

Chemistry 210, Education 231, Zoology 225
Social Science 453
Electives (32 q. h.)
Physical Education

Recommended electives: Botany 120, 121, 122, Chemistry 211, 212, Foreign Language, Home Economics 102, Physics 322, Zoology 230, 231, 232, 346, Social Sciences, Geography.

Curriculum GT

PRE-MEDICAL LABORATORY TECHNICIAN

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, 132
Zoology 120, 121, Hygiene 120
Electives (12 q. h.)
Library 120
Physical Education

SECOND YEAR

Chemistry 343, 344, Zoology 446
Physics 130, 131, 132
Botany 120, 235
Electives (16 q. h.)
Physical Education

Recommended electives: Chemistry 234b, 235, Zoology 227, 346, Social Sciences, Geography.

Curriculum GP

COURSES BASIC TO PHARMACY

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, 132
Mathematics 130, 131, Hygiene 120
Zoology 120, 121, Botany 120
Library 120
Physical Education

SECOND YEAR

Physics 130, 131, 132
Chemistry 233, 234, 235
Electives (24 q. h.)
Physical Education

Recommended electives: Botany 121, 122, Chemistry 343, 344, 345, Foreign Language, Social Sciences, Geography.

Curriculum GC

COURSES BASIC TO CHEMICAL ENGINEERING

The courses in this curriculum are planned to parallel closely those required during the first two years in typical chemical engineering curricula. A student who completes this curriculum may return as a junior in the chemistry curriculum of the College.

FIRST YEAR

English 120, 121, 125
Chemistry 130, 131, 132
Mathematics 130, 131, 134
Hygiene 120, Industrial Arts 231, 232
Library 120
Physical Education

SECOND YEAR

Chemistry 233, 234, 235
Physics 130, 131, 132
Mathematics 235, 236, 345
Electives (12 q. h.)
Physical Education

Recommended electives: Chemistry 343, 344, 345, Biological Sciences, Foreign Language, Social Sciences, Geography.

Curriculum GA

COURSES BASIC TO GENERAL AND VOCATIONAL AGRICULTURE HORTICULTURE, AND FLORICULTURE

FIRST YEAR

English 120, 121, 125
Botany 120, 121, 122
Chemistry 130, 131, 132
Hygiene 120, Electives (8 q. h.)
Library 120
Physical Education

SECOND YEAR

Botany 344, 231, 235 (or 232)
Chemistry 343, Zoology 120, 121
Zoology 226, Electives (8 q. h.)
Electives (12 q. h.)
Physical Education

Recommended electives: Botany 346, 235, 232, Chemistry 344, 345, Business Education 230, 231, 232, Geography 221, 233, 236, Social Science 233, 234, 235, 330.

Curriculum GH

COURSES BASIC TO PROFESSIONAL WORK IN DIETETICS

This curriculum is planned for students who expect to take up advanced work in dietetics at the end of two years. Students who complete this curriculum may also transfer to the home economics curriculum of the College with junior status.

FIRST YEAR

English 120, 121, 125
Home Economics 102, 101, 202
Botany 120, Chemistry 130, 131
Art 130, 131, Social Science 235
Library 120
Physical Education

SECOND YEAR

Chemistry 210, 211, 212
Home Economics 203, 204, 346
Home Economics 347, Zoology 225, Botany 235
Hygiene 120, Education 231, Elective
Physical Education

Suggested electives: Physics 130, Social Science 330, Commerce 230, Mathematics 130, Speech 130.

TRAINING SCHOOLS

Campus Training Schools.

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the College; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to $1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association of Colleges and Secondary Schools. Pupils who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to $5.00.

Off-Campus Student Teaching.

Students who are preparing to teach Vocational Home Economics are assigned to public high schools to do student teaching on an all-day basis for a period of six weeks. During this time they earn eight quarter hours of credit. During the school year, 1946-47, assignments were made to the high schools at Casey, Marshall, Noble, and Shelbyville.

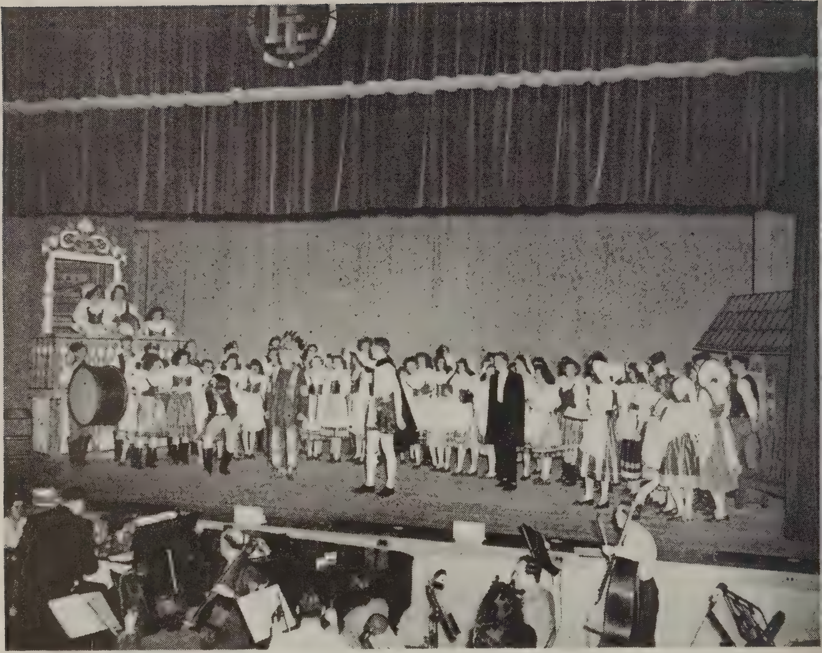
Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of training schools are available at all times to college classes for directed observation. Persons who wish to observe must consult the Director of Teacher Training. Sophomores are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet problems of teaching which may arise in their courses in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed and is followed by a discussion in which the teacher and the director of the observation participate.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice participation as an independent course is considered a wasteful procedure. It is usually combined either with an observation course or with a teaching course. In this College participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students who desire to take the state teachers' examination before completing the required four years of work are required to take 100 clock hours of supervised student teaching. Candidates for the degree are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to student teaching see III under "Scholarship."



Scene from "The Bartered Bride" produced by the Music and Speech Departments

Charter Members of Phi Beta

Students of Radio in Campus Broadcasting Studio

Military Barracks Converted into Temporary Dormitories and Apartments

"Trailerville," a Veterans' Housing Project

Teachers College Scholarship Students of 1946-47

III. DESCRIPTION OF COURSES

ART

NOTE: All art courses meet four one-hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week.

129. ART PRINCIPLES FOR INDUSTRIAL ARTS MAJORS. Fall and spring. (4 q. hrs.)

The basic concepts of drawing, color and design are developed through practice, discussion, and analysis of illustrative material. Application to specific problems in industrial arts.

Required in the industrial arts curriculum.

130. INTRODUCTION TO ART. Fall and winter. (4 q. hrs.)

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing. Training in basic principles with work in pencil, water color, chalk and decorative design processes.

Required in the art, home economics, and elementary curricula.

131. DESIGN I. Winter and spring. (4 q. hrs.)

The application of decorative design and color to weaving, block printing, stenciling, lettering, and posters.

Required in the art and home economics curricula. Prequisite: Art 130 or approval of instructor.

132. DRAWING I. Spring. (4 q. hrs.)

Freehand drawing in pencil and charcoal from set studies and imagination. Principles of pictorial design. Outdoor sketching when possible.

Required in the art curriculum. Prerequisite: Art 130 or permission of the instructor.

224. ART FOR TEACHERS IN THE ELEMENTARY GRADES. Winter. (4 q. hrs.)

The teaching of art in the elementary grades with practice in adapting art principles, processes and projects to different grade levels; work in curriculum making and in providing art background for room activities; training in lettering, craft techniques, and figure drawing.

Required in the elementary curriculum. Prerequisite: Art 130.

226. LIFE DRAWING I. Winter. (4 q. hrs.)

Constructive figure drawing from costumed model. Study of artistic anatomy and composition. Pencil, charcoal, graphite stick, lithograph, and conte crayon used.

Required in the art curriculum. Prerequisite: Art 132.

227. LETTERING. Winter. (4 q. hrs.)

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective.

228. PAINTING I. Spring. (4 q. hrs.)

Introduction to painting through the media of pastel and oil paint. Painters and their techniques are studied.

Required in the art curriculum. Elective to others only with permission of the instructor.

233. DRAWING II. Spring. (4 q. hrs.)

Development of skill in freehand drawing. Studio and outdoor in various media including wash drawings.

Elective. Prerequisite: Art 132 or permission of the instructor.

234. DESIGN II. Fall. (4 q. hrs.)

Applied decorative design developing techniques in the crafts such as textile decoration, silk screen, air brush, wood crafts, leather, metal and advanced weaving. Relation of crafts to club and summer camp work and to occupational therapy. Students are given freedom to work out problems according to individual interests.

Required in the art curriculum. Prerequisite: Art 131.

235. COSTUME DESIGN. Spring. (4 q. hrs.)

The designing of costumes for various type figures, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Recommended in the art and home economics curricula.

236. HISTORY AND APPRECIATION I. Fall. (4 q. hrs.)

A study is made of man's creative efforts in the visual arts from the prehistoric period to the medieval period. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesopotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

237. HISTORY AND APPRECIATION II. Winter. (4 q. hrs.)

The art of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

238. HISTORY AND APPRECIATION III. Spring. (4 q. hrs.)

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the foreign language and social science curricula.

239. POTTERY AND MODELING. Fall. (4 q. hrs.)

Study of three methods of pottery making—coil, slab and casting. Modeling of animals and figures. Glazing, firing of the kiln.

Recommended in the art and elementary curricula.

256. STAGE DESIGN. Winter. (4 q. hrs.)

Design and construction of scenery, selection of costumes, color planning and designing of stage accessories. Choice of problems may include puppetry and making of masks.

Recommended in the art and speech curricula. Prerequisite: Permission of instructor.

340. METHODS IN HIGH SCHOOL ART. Spring. (4 q. hrs.)

Study of the functions of art in the secondary school curriculum. Instructional practice in teaching techniques of various media and processes. Lesson, unit and curriculum planning.

Required in the art curriculum.

344. HOME PLANNING AND FURNISHING. Fall. (4 q. hrs.)

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131.

345. METHODS IN ELEMENTARY SCHOOL ART. Fall. (4 q. hrs.)

Study of function of art in the educational experiences of the pupil in the elementary grades. Problems in adapting the various art media and processes to the different grade levels. Lesson, unit and curriculum planning.

Required in the art curriculum. Should be taken in place of Art 224 by art minors in elementary curriculum.

346. LIFE DRAWING II. Winter. (4 q. hrs.)

Advanced work with costumed model and from imagination in figure composition. Use of the figure in drawing, painting, advertising, and illustration.

Elective in the art curriculum.

350. PAINTING. Omitted 1947-48. (4 q. hrs.)

Painting of still life and landscape in water color, tempera, and oil.

Elective in the art curriculum.

351. ART BACKGROUNDS. Spring. (4 q. hrs.)

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Recommended in the elementary curriculum.

352. LANDSCAPE PAINTING. Fall. (4 q. hrs.)

Outdoor and studio work in landscape painting in oils and other media. Analyses of composition of landscape painters.

Required in the art curriculum as an alternate with Art 447.

355. DRAWING AND PAINTING. Spring. (4 q. hrs.)

Painting in water color; drawing in ink with pen and brush. Study of these media as means for individual expression and their application to illustration and advertising.

Required in the art curriculum.

447. COMPOSITION I. Fall. (4 q. hrs.)

The development of original work in decorative and pictorial design based on previous training in art fundamentals and media.

Required in the art curriculum as alternate with Art 352.

448. COMPOSITION II. Winter. (4 q. hrs.)

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum as alternate with Art 455.

449. COMMERCIAL DESIGN. Winter. (4 q. hrs.)

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum.

453. PSYCHOLOGY OF ART. Winter. (4 q. hrs.)

The study of the human or psychological basis for art expression. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Use of tests in art.

Required in the art curriculum.

455. PRINT MAKING. Winter. (4 q. hrs.)

Study of print processes and outstanding print makers. Laboratory work in serigraphs, etchings and advanced block printing.

Required in the art curriculum as alternate with Art 448.

458. ART SEMINAR. Any quarter. (4 q. hrs.)

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Prerequisite: Permission of instructor.

460. DESIGN III. Spring. (4 q. hrs.)

The study of modern developments in the field of design emphasizing the designing of articles for manufacture and work in display advertising.

Required in the art curriculum.

BUSINESS EDUCATION

I. Typewriting

110. TYPEWRITING. Fall. (4 q. hrs.)

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

Fee $1.00.

111. TYPEWRITING, Continued. Winter. (4 q. hrs.)

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. It also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Business Education 110 or the equivalent. Fee $1.00.

112. TYPEWRITING, Continued. Spring. (4 q. hrs.)

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Business Education 110, 111 or the equivalent. Fee $1.00.

210. ADVANCED TYPEWRITING. Fall and winter. (4 q. hrs.)

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Business Education 110, 111, 112 or the equivalent. Fee $1.00.

211. ADVANCED TYPEWRITING, Continued. Winter and spring. (4 q. hrs.)

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Business Education 210 or the equivalent. Fee $1.00.

212. PRINCIPLES AND PROBLEMS OF OFFICE PRACTICE. Every quarter. (4 q. hrs.)

A practical course in the subject matter of office practice, including filing, duplicating devices, voice-writing equipment, and adding and calculating machines.

Prerequisite: Business Education 210 and 211, or permission of the instructor. Class limited to twenty-four. Fee $1.00.

II. Shorthand

123. SHORTHAND. Fall. (4 q. hrs.)

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are developed concurrently with the training in theory. No credit for less than one year's work.

124. SHORTHAND, Continued. Winter. (4 q. hrs.)

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Business Education 123 or the equivalent.

125. SHORTHAND, Continued. Spring. (4 q. hrs.)

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Business Education 123, 124 or the equivalent.

223. ADVANCED SHORTHAND. Fall. (4 q. hrs.)

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Business Education 123, 124, 125 or the equivalent. Fee $1.00.

224. ADVANCED SHORTHAND, Continued. Winter. (4 q hrs.)

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Business Education 223 or the equivalent. Fee $1.00.

225. SECRETARIAL PRACTICE. Spring. (4 q. hrs.)

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Business Education 223 and 224. Fee $1.00.

III. Accounting

230. ACCOUNTING. Fall. (4 q. hrs.)

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to give a thorough drill in the principles of accounting as applied to single proprietorship.

231. ACCOUNTING, Continued. Winter. (4 q. hrs.)

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Business Education 230 or the equivalent.

232. ACCOUNTING, Continued. Spring. (4 q. hrs.)

This course consists chiefly of changing partnership books to corporation books, corporation accounting, voucher system, accounting for departments and branches, accounting for non-profit organizations, and analysis of financial statements with interpretations.

Prerequisite: Business Education 230, 231.

330. COST ACCOUNTING. Fall. (4 q. hrs.)

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Business Education 230, 231, 232.

331. ACCOUNTING TAX PROCEDURE. Winter. (4 q. hrs.)

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Business Education 230, 231, 232.

IV. Methods

340T. METHODS OF TEACHING TYPEWRITING AND OFFICE PRACTICE. Fall. (4 q. hrs.)

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course is granted.

340S. METHODS OF TEACHING GREGG SHORTHAND. Winter. (4 q. hrs.)

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course is granted.

340B. METHODS OF TEACHING BOOKKEEPING AND BUSINESS ARITHMETIC. Spring. (4 q. hrs.)

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

340I. METHODS AND MATERIALS FOR TEACHING INTRODUCTION TO BUSINESS. Spring. (4 q. hrs.)

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

V. General Business Courses

140. BUSINESS MATHEMATICS. Every quarter. (4 q. hrs.)

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts, practical short methods of calculations, fractions, percentage, trade and cash discount, profit and loss, marked price, commission and brokerage, banker's, accurate, and compound interest, bank discount, installment buying, taxes, fire insurance, stocks and bonds, and depreciation.

141. BUSINESS CORRESPONDENCE. Winter and spring. (4 q. hrs.)

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121.

444. FOUNDATIONS IN BUSINESS EDUCATION. Omitted 1947-48. (4 q. hrs.)

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies and objectives of business education are appraised in terms of business occupational requirements and trends.

Not open to freshmen or sophomores.

445. PROBLEMS IN BUSINESS EDUCATION. Omitted 1947-48. (4 q. hrs.)

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analysis; placement and follow-up of graduates; and vocational information and guidance.

Not open to freshmen or sophomores.

446. BUSINESS LAW. Fall. (4 q. hrs.)

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

447. BUSINESS LAW, Continued. Winter. (4 q. hrs.)

This course is a continuation of Business Education 446 and considers insurance; bailments; carriers; sales; partnership; corporation; deeds of conveyance; mortgages; landlord and tenant and business crimes.

448. SALESMANSHIP AND ADVERTISING. Spring. (4 q. hrs.)

Approximately one fourth of the course is devoted to general selling and the remainder to retail selling. Advertising is studied as it applies specificially to these two classes of selling. Students who take this course are encouraged to do actual selling in local stores if they have had no previous selling experience.

VI. Penmanship

120. PENMANSHIP. Every quarter. (1 q. hr.)

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Elementary Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the elementary and business education curricula.

EDUCATION

201. PRINCIPLES OF SAFETY EDUCATION. Summer term only. (4 q. hrs.)

220. WORKSHOP. Summer term only. (4 q. hrs.)

Opportunity to work on individual problems with guidance of staff members.

Registration by permission only.

226. RURAL CURRICULUM PROBLEMS. Omitted 1947-48. (4 q. hrs.)

228. READING. Spring. (4 q. hrs.)

An introduction to a study of the principles and the methodology of teaching reading in the elementary grades. Major emphasis is placed on silent and oral work-type reading. The objectives, instructional materials, and the teaching problems to be developed in each stage of reading experience form the basis for classroom discussion. The skills, attitudes, and abilities of each stage are considered. Demonstrations in the laboratory school are arranged for class observation and discussion. The place of phonics, the construction and use of tests, the making and use of good seat work, and the use of drills are topics carefully considered.

Required in the elementary curriculum. Prerequisite: Education 231 and 232.

230. AN INTRODUCTION TO EDUCATION. Fall, winter, spring. (4 q. hrs.)

A comprehensive survey of the field of education designed to give an understanding of the development of the American school system, to aid in the analysis of current trends in American education, and to create an appreciation for teaching as a profession.

Required in all curricula.

231. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY. Winter and spring. (4 q. hrs.)

A beginning course. Major topics treated are schools of psychology, the physical basis of behavior, native and acquired responses, mental hygiene, and individual differences.

Required in all curricula. Prerequisite: Education 230.

232. EDUCATIONAL PSYCHOLOGY. Fall and spring. (4 q. hrs.)

The first six weeks are devoted to a study of the learning process. The second six weeks are devoted to a study of human growth and development.

Required in all curricula. Prerequisite: Education 230 and 231.

313. RURAL SCHOOL OBSERVATION. Summer term only. (4 q. hrs.)

Observation of a modern one-room school. Enrollment is restricted to juniors, seniors, or teachers actually in service.

Elective in the elementary curriculum.

324. DIRECTED STUDY AND OBSERVATION OF TEACHING. Fall. (4 q. hrs.)

The problems and duties of the elementary teacher are studied through observations in classrooms, reading, and discussion. Such topics as classroom organization and management, teaching procedures, learning materials, planning the daily program, records and reports, promotions, school environment, parent-teacher-pupil relationships, and evaluation of the work of the school are considered as these affect the learning activities of children.

Prerequisite: Education 230, 231, 232.

325. PRIMARY EDUCATION. Winter. (4 q. hrs.)

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics for discussion are the mental, physical, and social growth of the child during the preschool and primary grades periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment, and the materials of the primary grades; teaching the various subjects in the curriculum of the primary grades; and the personal characteristics and professional preparation of the primary teacher.

Required in the elementary curriculum. Prerequisite: Twelve quarter hours in education.

326. CHILD GROWTH AND DEVELOPMENT AND IMPLICATIONS FOR TEACHING. Summer term only. (4 q. hrs.)

A survey of recent developments in the field. Developmental tasks. Case studies, techniques of group management. A basic text is used, supplemented by source materials.

343. PRINCIPLES OF EDUCATION. Every quarter. (4 q. hrs.)

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in all curricula. Prerequisite: Education 230, 231, 232.

344. TESTS AND MEASUREMENTS. Every quarter. (4 q. hrs.)

About one-third of the time is devoted to educational statistics. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examinations of numerous standardized tests, and the construction of tests in the student's major field.

Required in all curricula except home economics and music. Prerequisite: Education 230, 231, 232.

345. DIRECTED STUDY AND OBSERVATION OF TEACHING. Every quarter. (4 q. hrs.)

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the curricula for the preparation of secondary school teachers except the industrial arts curriculum. Prerequisite: Education 230, 231, 232.

446. MODERN TRENDS IN EDUCATION. Omitted 1947-48. (4 q. hrs.)

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested.

Prerequisite: Sixteen quarter hours in education.

447. SOCIAL PSYCHOLOGY. Fall. (4 q. hrs.)

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the elementary curriculum. Prerequisite: Sixteen quarter hours in education.

448. SCHOOL ORGANIZATION AND ADMINISTRATION. Omitted 1947-48. (4 q. hrs.)

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. School law and finance as well as current educational problems receive attention.

Prerequisite: Sixteen quarter hours in education.

450. SPECIAL EDUCATIONAL PROBLEMS. Summer term only. (4 q. hrs.)

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested.

Prerequisite: Junior standing or experience in teaching and permission of the instructor.

451. ABNORMAL PSYCHOLOGY. Summer term only. (4 q. hrs.)

The purpose of this course is to acquaint the student with various forms and types of abnormal behavior. Stress is given to these patterns as they affect the relations between the teacher and the pupil. Attention is also given to a study of the adolescent. The philosophy of mental hygiene is integrated throughout the course, stressing the application of these hygienic principles in developing proper behavior patterns in the school and the community.

Prerequisite: Sixteen quarter hours in education.

454. TECHNIQUES OF GUIDANCE. Summer term only. (4 q. hrs.)

Prerequisite: Sixteen quarter hours in education.

455. MENTAL HYGIENE. Summer term only. (4 q. hrs.)

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. The physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement and the application of its principles to home, school, and social situations.

Prerequisite: Sixteen quarter hours in education.

458. VOCATIONAL EDUCATION. Winter. (4 q. hrs.)

A course in the history, organization and administration of vocational education. Federal and state laws affecting vocational schools are considered.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted.

Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the Director of Teacher Training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221. SUPERVISED STUDENT TEACHING IN THE ELEMENTARY SCHOOL. Every quarter. (4 q. hrs. for each course.)

Required of students who plan to obtain a limited elementary certificate by examination.

441, 442, 443. SUPERVISED STUDENT TEACHING IN THE MAJOR OR MINOR SUBJECTS. Every quarter. (4 q. hrs. for each course.)

Three quarters of teaching are required. At least one of these quarters must be in the major subject and one in a minor subject is recommended.

Required in all curricula.

ENGLISH

NOTE: Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

The Junior English examination is required of all students in the junior year.

120. COMPOSITION. Fall and winter. (4 q. hrs.)

A basic course in communication, including listening, reading, speaking, and writing. Many short themes required to develop facility in writing correct, effective sentences and paragraphs. Some study of rhetorical and grammatical principles and their application to expression.

121. COMPOSITION. Fall, winter, spring. (4 q. hrs.)

Further study of rhetoric and grammar. Longer units of composition in which problems of organization, coherence, and unity are studied. One research paper required in addition to about ten themes of three or four pages each.

English 120 and 121 are required in all curricula.

122. LITERATURE IN THE GRADES. Spring. (4 q. hrs.)

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the elementary curriculum for lower grades. Not accepted for elective credit in other curricula.

123. STORY-TELLING. Summer term only. (4 q. hrs.)

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124.

124. METHODS IN COMPOSITION AND LITERATURE IN UPPER GRADES. Omitted 1947-48. (4 q. hrs.)

Required in the elementary curriculum for the upper grades unless English 126 is taken. Not accepted for elective credit in other curricula.

125. COMPOSITION AND LITERATURE. Winter, spring. (4 q. hrs.)

Third quarter of freshman English except for those students required to take other courses. A continuation of composition work begun in English 120 and 121 to fix expression skills. A brief introduction to literary types.

Required in all curricula, except the English, business education, and elementary education curricula. Prerequisites: English 120 and 121.

126. GRAMMAR. Spring. (4 q. hrs.)

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the elementary curriculum for the upper grades unless English 124 is taken; required in the English curriculum. Not accepted for elective credit in other curricula.

210J. INTRODUCTION TO JOURNALISM. Fall. (4 q. hrs.)

A survey of the history of journalism, of the ethics of the profession, of the newspaper as reflection and as moulder of public opinion. Examination of leading American newspapers as to editorial and stylistic policies. Some practice in newswriting: class exercises.

Prerequisite: English 120, 121.

211J, 212J. REPORTING. Winter, spring. (4 q. hrs. for each course.)

Principles of gathering and writing news, with practice in the classroom and, as soon as practicable, on the *Eastern News.*

Prerequisite: English 210J.

230. NINETEENTH CENTURY PROSE FICTION. Fall. (4 q. hrs.)

English 230 treats of fiction of the first half of the nineteenth century with emphasis upon the novels of Austen, Thackeray, Dickens, and Hawthorne. Standards of good fiction, past and present, are discussed.

Required in the English curriculum.

231. NINETEENTH CENTURY PROSE FICTION, Continued. Winter. (4 q. hrs.)

English 231, a continuation of English 230, is concerned with the fiction of the latter half of the nineteenth century as represented by the novels of George Eliot, Hardy, Meredith, and James.

Prerequisite: English 230.

234. AMERICAN LITERATURE. Spring. (4 q. hrs.)

A survey of American literature from Colonial times to the end of the nineteenth century, stressing trends and major writers, with as much reading of original materials as the time will allow.

Required in the English and elementary education curricula.

235. GREEK DRAMA. Fall. (4 q. hrs.)

Origin and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Prerequisite: English 120, 121, 125.

236. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Winter. (4 q. hrs.)

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum.

237. MODERN DRAMA. Spring. (4 q. hrs.)

The purpose of this course is to familiarize the student with what is best in modern drama.

239. DRAMATICS. Omitted 1947-48. (4 q. hrs.)

310J, 311J. ADVANCED REPORTING AND NEWS EDITING. Fall, winter. (4 q. hrs. for each course.)

To receive credit in this course, the student must have a position on the *News*. Two staff meetings weekly in lieu of classroom attendance. Practice in securing news, and in the editing of news stories.

Prerequisite: English 210J, 211J, 212J.

312J. FEATURE WRITING AND MAGAZINE ARTICLES. Spring. (4 q. hrs.)

Practice in writing newspaper features and magazine articles. Study of marketing possibilities. Sale of material written in class when possible.

Prerequisite: English 210J, 211J, 212J.

340. METHODS OF TEACHING ENGLISH IN THE HIGH SCHOOL. Spring. (4 q. hrs.)

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum.

343. CONTEMPORARY LITERATURE. Fall. (4 q. hrs.)

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum.

344. ADVANCED RHETORIC. Winter. (4 q. hrs.)

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Required in the English curriculum. Prerequisite: Twelve quarter hours of English.

346. ENGLISH POETRY, BEOWULF TO MILTON. Fall. (4 q. hrs.)

English poetry from its Anglo-Saxon beginnings through the Middle Ages and the Renaissance.

347. ENGLISH POETRY, MILTON TO WORDSWORTH. Winter. (4 q. hrs.)

Milton and his contemporaries. Restoration and Eighteenth Century Classicists (Dryden, Pope, Johnson). Precursors of Romanticism with stress on Blake and Burns.

348. ENGLISH POETRY, THE NINETEENTH CENTURY. Spring. (4 q. hrs.)

Early Romanticists: Wordsworth, Coleridge, Byron, Shelley, Keats, and their contemporaries. Victorians: Tennyson, the Brownings, Arnold, Clough, and Fitzgerald. Post-Victorians: the Rossettis, Morris, Swinburne, Hopkins, and Bridges.

English 346, 347, 348 required in English curriculum.

449. THE ESSAY. Fall. (4 q. hrs.)

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum.

450. HISTORY OF THE ENGLISH LANGUAGE. Winter. (4 q. hrs.)

The development of the English language from Anglo-Saxon to the language of today.

Required in the English curriculum. Prerequisite: English 126 or its equivalent. Not open as elective in other curricula except by special permission of the head of the English department.

451. HISTORY OF ENGLISH LITERATURE. Spring. (4 q. hrs.)

The development of English literature from Anglo-Saxon times to the present, with a glance at the American branch, drawing together all previous literature courses.

Required in the English curriculum.

FOREIGN LANGUAGES

Students who wish a major in Foreign Languages should take three years of French, Latin, or Spanish and two years of German or another of the languages offered, together with subjects of the core curriculum and certain courses in social science and geography related to the particular languages studied. Students desiring a major in Foreign Languages should consult with the head of the department.

I. Latin

120, 121, 122. BEGINNING LATIN. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is offered for students who desire to begin the study of Latin in college. The aim in this course is to teach the student the fundamentals of the language. Special attention is given to the influence of Latin on English.

No credit for graduation for less than a year's work.

123. INTRODUCTORY LATIN READING. Fall. (4 q. hrs.)

Review of Latin grammar; exercises; practice in sight translation.

Required in the Latin curriculum. Prerequisite: Latin 120, 121, 122, or two years of Latin in high school.

124. ORATIONS OF CICERO. Winter. (4 q. hrs.)

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Required in the Latin curriculum. Prerequisite: Latin 123.

125. VERGIL'S AENEID. Spring. (4 q. hrs.)

Selection from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Required in the Latin curriculum. Prerequisite: Latin 124.

230. CICERO'S ESSAYS, SELECTIONS FROM DE AMICITIA AND DE SENECTUTE. Omitted 1947-48. (4 q. hrs.)

Required in the Latin curriculum.

231. HORACE, SELECTIONS FROM THE ODES, SATIRES, AND EPISTLES. Omitted 1947-48. (4 q. hrs.)

Required in the Latin curriculum.

232. LIVY, SELECTIONS FROM BOOKS I, XXI, XXII. Omitted 1947-48. (4 q. hrs.)

Required in the Latin curriculum.

340. METHODS OF TEACHING LATIN. Omitted 1947-48. (4 q. hrs.)

Required in the Latin curriculum. Prerequisite: Three years of college Latin.

343. OVID, SELECTIONS FROM TRISTIA, HEROIDES, AMORES, FASTI, METAMORPHOSES. Omitted 1947-48. (4 q. hrs.)

The life and times of Ovid; Roman and Greek mythology.

Required in the Latin curriculum.

344. LATIN COMPOSITION. Omitted 1947-48. (4 q. hrs.)

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required in the Latin curriculum.

345. MEDIEVAL LATIN. Omitted 1947-48. (4 q. hrs.)

Readings in the history, poetry and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required in the Latin curriculum.

346. CAESAR'S CIVIL WAR. Omitted 1947-48. (4 q. hrs.)

347. SELECTIONS FROM THE LETTERS OF CICERO AND PLINY. Omitted 1947-48. (4 q. hrs.)

348. THE GERMANIA AND AGRICOLA OF TACITUS. Omitted 1947-48. (4 q. hrs.)

446. ROMAN COMEDY. Omitted 1947-48. (4 q. hrs.)

447. SELECTIONS FROM MARTIAL AND CATULLUS. Omitted 1947-48. (4 q. hrs.)

448. GREEK AND ROMAN LITERATURE IN TRANSLATION. Omitted 1947-48. (4 q. hrs.)

II. French

130, 131, 132. FIRST YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts; conversation.

No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR FRENCH. Fall, winter, spring. (4 q. hrs. for each course.)

This sequence is conducted with the primary end in view of advancing the student's reading and conversation ability; review of grammar; exercises in composition.

Readings: Dramas of Moliere, Marivaux, Beaumarchais, and contemporaries. Subscription to French newspaper recommended.

Prerequisite: Two years of high-school French or one year of college French.

333, 334, 335. ADVANCED FRENCH. Omitted 1947-48. (4 q. hrs. for each course.)

336, 337, 338. ALTERNATE ADVANCED FRENCH. Omitted 1947-48. (4 q. hrs. for each course.)

340. METHODS OF TEACHING FRENCH. Omitted 1947-48. (4 q. hrs.)

Required in the French curriculum. Prerequisite: Three years of college French.

III. German

230, 231, 232. FIRST YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Principles of grammar; practice in pronunciation and conversation; reading of Hagboldt's *Graded Texts* and *Immensee*; memorizing of poetry.

No credit for graduation for less than a year's work.

333, 334, 335. SECOND YEAR GERMAN. Fall, winter, spring. (4 q. hrs. for each course.)

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen, Der Schwiegersohn,* Slezak's *Meine Samtlichen Werke,* and *Wilhelm Tell.* Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent.

IV. Spanish

130, 131, 132. FIRST YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

The fundamentals of grammar; drill in pronunciation and conversation; graded readings.

No credit for graduation for less than a year's work.

230, 231, 232. SECOND YEAR SPANISH. Fall, winter, spring. (4 q. hrs. for each course.)

Review of grammar; exercises in composition; practice in conversation.

Readings: *Pata de Zorra* by Hugo Wast; *Easy Spanish Plays,* edited by Cano and Saenz; *Amalia* by Jose Marmol; *Introduccion a La Civilizacion Hispanoamericana* by Richard Pattee; *Maria* by Jorje Isaacs.

Prerequisite: Two years of Spanish in high school or one year in college.

233, 234,235. ALTERNATE SECOND YEAR SPANISH. Omitted 1947-48. (4 q. hrs. for each course.)

Exercises in grammar; practice in conversation. Readings: *Cuentos del Sur*, edited by Vazquez; *Tradiciones Peruanas* by Ricardo Palma; *Dona Clarines* and *Manana de Sol* by Serafin and Joaquin Quintero; *Short Stories and Poems of Becquer,* edited by Hendrix; *Cumanda* by Juan Leon Mera.

Prerequisite: Two years of Spanish in high school or one year in college.

333, 334, 335. ADVANCED SPANISH. Omitted 1947-48. (4 q. hrs. for each course.)

This sequence is offered in connection with Spanish 230, 231, 232, or 233, 234, 235. In addition to the second-year work, students are required to make special reports on outside readings.

Prerequisite: Spanish 230, 231, 232, or 233, 234, 235.

340. METHODS OF TEACHING SPANISH. Omitted 1947-48. (4 q. hrs.)

Required in the Spanish curriculum. Prerequisite: Three years of college Spanish.

GEOGRAPHY

NOTE: Geography 120, 221, and 236 are required of students in the elementary curriculum. Geography 120, 130, 221, 233, 236, and 447 give a minor which meets the state requirements for the teaching of physical and commercial geography in high school.

120. PRINCIPLES OF GEOGRAPHY. Every quarter. (4 q. hrs.)

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for elementary school teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography, business education, elementary, and social science curricula.

130. GEOGRAPHY OF NORTH AMERICA. Winter and spring. (4 q. hrs.)

A study of the countries of North America, with special reference to the United States, showing the geographic basis for their stages of development and commercial relations.

Required in the geography and social science curricula. Prerequisite: Geography 120.

221. CLIMATOLOGY. Every quarter. (4 q. hrs.)

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography and elementary curricula.

231. GEOGRAPHY OF SOUTH AMERICA. Winter. (4 q. hrs.)

This course includes a study of all Latin America. It shows the geographic basis for their stages of development and for their commercial relations especially with the United States. It furnishes a background for understanding the "good neighbor" policy.

Required in the geography curriculum. Prerequisite: Geography 120, 221.

233. PHYSIOGRAPHY. Fall and spring. (4 q. hrs.)

A study of the processes which change the surface of the earth. The course includes work in interpreting the earth's surface through the use of topographic maps. This course is recommended to those who may teach physiography or general science in high school.

Required in the geography curriculum.

236. ELEMENTS OF GEOLOGY. Fall and winter. (4 q. hrs.)

A study of the principles and lines of reasoning by which the history of the earth and of its life forms has been learned. The course is planned to give a general, not technical, knowledge which may help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the geography and elementary curricula.

250F. FIELD STUDIES IN THE REGIONAL GEOGRAPHY OF THE AMERICAN SOUTHWEST. Summer term 1947. (6 q. hrs.)

A study of the geographical regions of the American Southwest will be correlated with each day's travel with the Prairie State Field Studies summer trip of 1947. Equal attention will be given to the natural features and the processes by which they have originated and to the human geography of the areas traversed. The route is planned to include representative landscapes of each of the major regions, and suggestions as to what to look for will be supplied in advance of each day's travels. Places of interest will be interpreted on the spot. Each student will select one or more projects along lines of personal interest for systematic field study. Readings, lectures, and discussions will complete a well-rounded consideration of each region.

Prerequisites: Enrollment with Prairie State Field Studies for 1947 trip and Geography 120 or 130, or equivalent. The course is elective in any curriculum and may be substituted in a geography major or minor for any course open to junior college students except Geography 120 or 221.

340. METHODS AND MATERIALS IN GEOGRAPHY IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

The characteristics of geography and its place in the secondary school curriculum; training in methods of study; selection and critical examination of text and reference books; illustrative material and visual aids; examination and appraisal of classroom procedures.

Required in the geography curriculum.

340G. METHODS AND MATERIALS IN GEOGRAPHY IN THE ELEMENTARY SCHOOL. Omitted 1947-48. (4 q. hrs.)

343. GEOGRAPHY OF EUROPE. Winter. (4 q. hrs.)

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations; emphasis upon current problems.

Required in the geography curriculum. Prerequisite: Geography 120, 221.

345. GEOGRAPHY OF ASIA. Spring. (4 q. hrs.)

An advanced course. After a general survey of the continent, China, Japan, U.S.S.R., India, and the East Indies are studied in detail.

Required in the geography curriculum. Prereqiusite: Geography 130, 231, 343.

350F. ADVANCED FIELD STUDIES IN THE REGIONAL GEOGRAPHY OF THE AMERICAN SOUTHWEST. Summer term 1947. (6 q. hrs.)

The plan and content of the course are the same as for Geography 250F described above. A higher standard of comprehension and notebook preparation will be required.

Prerequisites: Enrollment with Prairie State Field Studies for 1947 trip, senior college standing, and Geography 120 or 130, or equivalent. The course is elective in any curriculum and may be substituted in a geography major or minor for any course except Geography 120, 221, 340, or 447.

446. URBAN GEOGRAPHY. Omitted 1947-48. (4 q. hrs.)

447. ECONOMIC GEOGRAPHY. Every quarter. (4 q. hrs.)

An advanced course for teachers of commercial geography in high school or for persons interested in studying the economic conditions which affect our daily lives. The occupational approach is followed.

Required in the geography, social science, and business education curricula. Prerequisite: Senior college standing.

448. THE CONSERVATION OF NATURAL RESOURCES. Fall. (4 q. hrs.)

A study of problems dealing with the conservation of soil, minerals, forests, animals, and waters, with special reference to the United States.

Prerequisite: Senior college standing.

HOME ECONOMICS

NOTE: 1. The four-year curriculum in home economics (See Curriculum F) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal and State aid under the Vocational Laws (formerly known as Smith-Hughes). Graduates must maintain a grade point average of 1.5 in order to qualify for teaching vocational home economics. This curriculum has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 202, 203, 204, 232, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 201 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. COSTUME SELECTION AND PERSONALITY. Fall and winter. (4 q. hrs.)

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Fee 50 cents.

102. ELEMENTARY NUTRITION. Fall and winter. (4 q. hrs.)

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum.

201. CLOTHING CONSTRUCTION. Spring. (4 q. hrs.)

Fundamental principles of clothing construction and renovation.

Required in the home economics curriculum. Prerequisite: Home Economics 101. Fee 50 cents.

202. FOOD PREPARATION. Fall. (4 q. hrs.)

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required in the home economics curriculum. Prerequisite: Home Economics 102, Chemistry 130, 131. Fee $2.00.

203. ADVANCED FOOD PREPARATION. Fall. (4 q. hrs.)

A continuation of Home Economics 202 with consideration of more advanced problems.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

204 (301). MEAL PLANNING AND TABLE SERVICE. Spring. (4 q. hrs.)

Selection, purchase, preparation and service of food, considering dietary standards, food habits and nutritional needs of groups. Preparation and service of food for special occasions are also considered.

Required in the home economics curriculum. Prerequisite: Home Economics 102, 202, 203. Fee $2.00.

232. TEXTILES. Fall. (4 q. hrs.)

Study of weaves, yarns, fibers, and finishes with reference to selection of fabrics for clothing and the home.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201. Fee 50 cents.

245. (466b). HOUSEHOLD MANAGEMENT. Spring. (2 q. hrs.)

The principles of scientific management as applied to the home; includes a study of family finance, household buying, care of equipment, time and energy management, and housing problems.

Required in the home economics curriculum.

246. (446a). HOME NURSING. Spring. (2 q. hrs.)

A study of the factors which determine personal health and the intelligent management of illnesses in the home.

Required in the home economics curriculum.

304. ADVANCED CLOTHING. Spring. (4 q. hrs.)

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required in the home economics curriculum. Prerequisite: Home Economics 101, 201, 232. Fee 50 cents.

330. HOUSEHOLD EQUIPMENT. Spring. (4 q. hrs.)

Study of the selection, construction, operation and care of household equipment, and their relation to the well-being of the family group.

Elective. Not to be substituted for Physics 322. Fee $2.00.

340. METHODS OF TEACHING HOME ECONOMICS. Fall and winter. (4 q. hrs.)

This course deals with the principles of teaching as applied to home economics, the development of home economics curricula, and the organization and administration of homemaking departments in the public schools.

Required in the home economics curriculum.

344. NUTRITION AND DIETETICS. Fall. (4 q. hrs.)

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required in the home economics curriculum. Prerequisite: Home Economics 102; Chemistry 210, 211, 212; Botany 235. Fee $2.00.

345. HOME MANAGEMENT HOUSE. Every quarter. (4 q. hrs.)

Experience in the practical application of the principles of household management is offered through a twelve weeks' residence period in the Home Management House.

Required in the junior year of the home economics curriculum. Prerequisite: Home Economics 245 and 204. Fee $5.00 per week.

346. CHILD DEVELOPMENT. Spring. (4 q. hrs.)

The physical, mental, social and emotional development of the young child with discussion of home problems.

Required in the home economics curriculum.

347. FAMILY RELATIONSHIPS. Winter. (4 q. hrs.)

A study of trends in family life, including social and economic changes which affect family living.

Required in the home economics curriculum.

360. LARGE QUANTITY COOKERY. Winter. (4 q. hrs.)

Methods of food preparation in quantity; menu planning for institutions; recipe selection and standardization; economical use of materials and time. Practical experience is offered through the use of the college cafeteria.

Elective. Prerequisite: Home Economics 102, 202, 203, 204.

365. INSTITUTIONAL MANAGEMENT. Spring. (4 q. hrs.)

Organization and management of institutional kitchens, including selection, use and care of institutional equipment; food cost and accounting; food laws, and personnel management. Prepares students to handle school lunch rooms, cafeterias, and tea-rooms.

Elective. Prerequisite: Home Economics 360.

INDUSTRIAL ARTS

134. BENCH WOODWORK. Fall and winter. (4 q. hrs.)

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types of available woodworking supplies and also to elements of wood-finishing. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00 (includes all supplies).

135. INTERMEDIATE WOODWORK. Winter and spring. (4 q. hrs.)

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134. Fee $2.00.

136. GENERAL METAL. Every quarter. (4 q. hrs.)

This course is planned to develop manipulative skill in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, beating, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00 (includes all supplies).

150. APPLIED ELECTRICITY. Every quarter. (4 q. hrs.)

Problems of the consumer. Treatment of electrical problems arising around the home forms the core for the course. House wiring, power circuits, automotive electricity, and the repairing of electrical appliances are studied. Working techniques are stressed. Four class discussions and 4 hours laboratory work each week.

Required in the industrial arts curriculum. Fee $2.50 (includes all supplies).

224. PRIMARY GRADE HANDWORK. Spring. (4 q. hrs.)

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

225. INTERMEDIATE GRADE HANDWORK. Fall. (4 q. hrs.)

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the elementary curriculum. Fee $2.00.

226. SHEET METAL. Fall and winter. (4 q. hrs.)

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also included. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 232. Fee $2.00.

230. WOODWORK FOR WOMEN. Summer term only. (4 q. hrs.)

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Fee $2.00.

231. MECHANICAL DRAWING I. Fall and winter. (4 q. hrs.)

This course includes instruction in instrumental practice, lettering, sketching, geometrical construction, techniques of drafting, orthographic projection, dimensioning, auxiliary and sectional views. One class discussion and 7 hours laboratory work each week.

Required in the industrial arts and GE curricula. Fee $1.50 (includes drawing paper.)

232. MECHANICAL DRAWING II. Winter and spring. (4 q. hrs.)

This course is a continuation of Industrial Arts 231 and includes the development of surfaces, pictorial drawing, treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts and GE curricula. Prerequisite: Industrial Arts 231. Fee $1.50 (includes drawing paper).

233. MACHINE DRAWING III. Spring. (4 q. hrs.)

This course, which emphasizes the technique of drafting, includes the making of complete drawings of machines. The analysis of projects and shop sketching receives special attention. The standards and methods of the larger industries are applied to all of the work of the course. Reproducing drawings is included.

Elective in the industrial arts and GE curricula. Prerequisite: Industrial Arts 232. Fee $1.50 (includes drawing paper).

259. PRINTING I. Fall and winter. (4 q. hrs.)

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Fee $2.00.

260. PRINTING II. Winter. (4 q. hrs.)

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 259. Fee $2.00.

275. WOODTURNING. Spring. (2 q. hrs.)

In this course a study is made of the operation and care of lathes. Training is given in the use of lathe tools for spindle and face plate turning. Special written assignments and 4 hours of laboratory work each week.

Prerequisite: Industrial Arts 134 or shop work approved by instructor. Fee $1.50.

336. MILLWORK. Fall and winter. (4 q. hrs.)

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 135. Fee $2.00.

340. METHODS OF TEACHING INDUSTRIAL ARTS. Spring. (4 q. hrs.)

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134, 136, and 231.

345. INDUSTRIAL ARTS DESIGN. Fall. (2 q. hrs.)

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 134, 136, and 232.

350. HOUSING I. Winter and spring. (4 q. hrs.)

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation and insulation. A modern house is planned and presentation drawings are prepared.

Required in the industrial arts curriculum. Fee $1.50 (includes drawing paper).

352. MACHINE METAL WORK I. Fall. (4 q. hrs.)

This course presents the basic principles of machine work as applied to the engine lathe. The operation, adjustment, care and repair of the lathe are covered. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Fee $2.50.

354. MACHINE METAL WORK II. Winter. (4 q. hrs.)

This course covers additional fundamental principles of machine work with applied laboratory work on the drill press, milling machine, and shaper. The care and repair of these machines are included. Two class discussions and 6 hours of laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 352. Fee $2.50.

355. HOUSING II. Spring. (4 q. hrs.)

This course is a continuation of Industrial Arts 350. A study of principles of construction is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required in the industrial arts curriculum. Prerequisite: Industrial Arts 350. Fee $1.50 (includes drawing paper).

356. MACHINE METAL WORK III. Spring. (4 q. hrs.)

In this course the student is required to undertake the construction of a major piece of work such as a drill press, shaper, saw, or jointer. The student chooses his problem with the approval of the instructor. Eight hours of laboratory work each week.

Prerequisite: Industrial Arts 354. Fee $2.50.

361. LINOTYPE OPERATION AND MAINTENANCE. Omitted 1947-48. (4 q. hrs.)

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine. Two hours of classwork and 6 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Prerequisite: Industrial Arts 260. Fee $3.00.

363. TRAFFIC EFFICIENCY AND AUTOMOBILE DRIVING. Omitted 1947-48. (4 q. hrs.)

Because of the increased use of automobiles and the great number of automobile accidents instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts, accidents, their cause and prevention, driving regulations, the art of driving, inspection and maintenance of the automobile, and points to consider in the purchase of an automobile. Individual driving lessons are given.

Fee $2.50.

365. WOODFINISHING. Fall. (2 q. hrs.)

Preparation of wood, staining, varnishing, painting, fuming, lacquering, stenciling, and polychroming.

Required in the industrial arts curriculum. Prerequisite: Shop work approved by instructor. Fee $1.50 (includes supplies).

437. MACHINE WOODWORK. Any quarter. (4 q. hrs.)

This is a course in furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. Fee $2.00.

444. SAW FITTING. Spring. (2 q. hrs.)

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 336. Fee $1.25 (includes supplies.)

451. ORGANIZATION OF SUBJECT MATTER. Any quarter. (2 q. hrs.)

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Prerequisite: Industrial Arts 340.

457. GENERAL SHOP. On demand. (4 q. hrs.)

In this course considerable latitude is allowed the student to design and construct a project of his choice. Eight hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Prerequisite: Industrial Arts 136, 226, 232, and 354. Fee $2.00.

460. GAS AND ELECTRIC ARC WELDING. Fall and spring. (4 q. hrs.)

This course is devoted to a study of the technical materials in welding and the development of skill in welding with gas, with direct current electricity, and with alternating current electricity. Two class discussions per week and six hours of drill work.

Fee $5.00.

LIBRARY SCIENCE

NOTE: Courses numbered 320, 331, 440, and 450 are required for certification as a teacher-librarian in Illinois. A minor (24 q. hrs.) is required by the North Central Association. Library Science 320, 324, 330 or 331, 440, 450, and 456 constitute a minor in Library Science.

120. THE USE OF THE LIBRARY. Every quarter. (1 q. hr.)

An orientation course covering library tools and services, with special emphasis on the use of the card catalog, magazine indexes, and common reference books.

Does not count toward a minor in library science. Required in all curricula.

320. ORGANIZATION AND ADMINISTRATION OF SCHOOL LIBRARIES. Fall. (4 q. hrs.)

Relation of the library to the school program; school library standards; administrative procedures; records and reports. Designed to integrate the work in library science, and to present some of the broader aspects of the school library as a service agency.

Required for certification as teacher-librarian.

324. ACQUISITION AND CARE OF LIBRARY MATERIALS. Winter. (4 q. hrs.)

Evaluation and selection of books and other library materials; examination of standard book lists and reviewing media; order and accession routine; the general care of library materials.

330. READING GUIDANCE: ELEMENTARY SCHOOLS. Fall. (4 q. hrs.)

History of children's books; graded lists and book selection aids; methods of evaluating children's books; methods of stimulating reading interest.

Elective.

331. READING GUIDANCE: SECONDARY SCHOOLS. Spring. (4 q. hrs.)

Literature for adolescents; problems of the high-school student in his search for recreational and informational reading; books for special needs and interests; books in relation to the school curriculum.

Required for certification as teacher-librarian.

440. OBSERVATION AND PRACTICE. Every quarter. (4 q. hrs.)

Observation and supervised practice in the College and Training School libraries, designed to familiarize the student with library procedures under actual working conditions. Two class periods and two laboratory periods each week.

Prerequisite: Library Science 320. Required for certification as teacher-librarian.

450. REFERENCE MATERIALS AND METHODS. Winter. (4 q. hrs.)

The school library as an information center; selection and use of practical reference tools; nature and use of the vertical file; the preparation of book lists and annotated bibliographies.

Required for certification as teacher-librarian.

456. CATALOGING AND CLASSIFICATION. Spring. (4 q. hrs.)

Study of subject classification and subject headings; the use of unit cards; adapting printed cards; the cataloging of non-book materials; shelf-listing; problems in filing.

Prerequisite: Library Science 324.

MATHEMATICS

120. THE SCIENCE, PSYCHOLOGY, AND TEACHING OF NUMBER. Fall and winter. (4 q. hrs.)

The subject matter and technique of teaching mathematics in the first six grades.

Required in the mathematics and elementary curricula. Does not count toward graduation in other curricula.

121. MATHEMATICS IN THE UPPER GRADES. Winter and spring. (4 q. hrs.)

The subject matter of the upper grades is discussed from the standpoint of the psychological and scientific development and of its use.

Required in the elementary curriculum. Does not count toward graduation in other curricula.

130, 131. ALGEBRA AND TRIGONOMETRY. Fall and winter. (4 q. hrs. for each course.)

The usual topics of college algebra and plane trigonometry taken concurrently through two quarters.

Required in the mathematics curriculum. Prerequisite: One year or more of high-school algebra.

132. SOLID GEOMETRY. Fall. (4 q. hrs.)

Required of majors and minors in mathematics who have not had solid geometry in high school. Prerequisite: Plane geometry.

133. FIELD WORK. Spring. (4 q. hrs.)

Theory and use of the slide rule, spherical trigonometry and applications to elementary celestial navigation, elementary problems in surveying, construction and use of the plane table.

Required in the mathematics curriculum. Prerequisite: Plane trigonometry.

134. ANALYTIC GEOMETRY. Spring. (4 q. hrs.)

The conic sections.

Required in the mathematics curriculum. Prerequisite: Mathematics 130, 131.

228. COLLEGE GEOMETRY. Spring. (4 q. hrs.)

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry. Geometry of the triangle; homothetic figures; harmonic range; cross ratio; introduction to the notion of duality; Desargues's theorem and other classic theorems.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

235, 236. CALCULUS. Fall, winter. (4 q. hrs. for each course.)

An introduction to the differential and integral calculus.

Required in the mathematics curriculum. Prerequisite: Mathematics 134.

340. METHODS OF TEACHING HIGH-SCHOOL MATHEMATICS. Spring. (4 q. hrs.)

Required in the mathematics curriculum.

343. ALGEBRA. Winter. (4 q. hrs.)

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required in the mathematics curriculum. Prerequisite: Mathematics 235.

344. ANALYTIC GEOMETRY. Fall. (4 q. hrs.)

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required in the mathematics curriculum. Prerequisite: Mathematics 134, 235.

345. CALCULUS. Spring. (4 q. hrs.)

Introduction to differential equations; Taylor's theorem; double and triple integration.

Required in the mathematics curriculum. Prerequisite: Mathematics 235, 236.

446, 447, 448. DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. Fall, winter, spring. (4 q. hrs. for each course.)

Half of the year is given to differential equations, the remainder to topics in advanced calculus.

Prerequisite: Mathematics 345.

MUSIC

I. Applied Music

The student majoring or minoring in music must select piano, voice, a band instrument, or an orchestral instrument as his chief performing medium. In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum on page 67.

In order to meet the needs of the teacher of music in public schools the following outline of applied music is required. It shall be noted that the minimum requirements for all majors are two years of piano and one or two years of voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	12 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours
Minor	Piano	6 quar. hours
2d Minor	Voice	3 quar. hours

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice.

133, 134, 135. THE FIRST YEAR'S WORK IN APPLIED MUSIC. PIANO, VOICE, STRINGS, WOODWINDS, OR BRASSES. Every quarter. (1 q. hr. for each course.)

233, 234, 235. THE SECOND YEAR'S WORK IN APPLIED MUSIC. Every quarter. (1 q. hr. for each course.)

333, 334, 335. THE THIRD YEAR'S WORK IN APPLIED MUSIC. Every quarter. (1 q. hr. for each course.)

433, 434. THE TENTH AND ELEVENTH QUARTERS' WORK IN APPLIED MUSIC. Every quarter (1 q. hr. for each course.)

435. SENIOR RECITAL. Spring. (1 q. hr.)

The twelfth quarter's work in applied music.

II. Class Methods of Instruction

NOTE: The courses under this heading are laboratory courses and require two periods a week for each quarter hour of credit.

126, 127, 128. CLASS INSTRUCTION IN PIANO. Fall, winter, spring. (1 q. hr. for each course.)

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in applied music. Stress is placed on the development of ability to play simple melodies and accompaniments including sight reading.

136, 137, 138. CLASS INSTRUCTION IN VOICE. Fall, winter, spring. (1 q. hr. for each course.)

The first year course in voice. The course includes the development of fundamental vocal techniques, an introduction to song interpretation, and attention to demonstrated methods of teaching singing. This year's work substitutes for first year voice in applied music. Voice 133, 134, 135 may be taken instead of Music 136, 137, 138 when recommended by the department.

Instrumental Class Methods. The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed. These courses may not be substituted for applied music courses.

146, 147 (236, 237). VIOLIN CLASS METHODS. Fall, winter. (2 q. hrs. for each course.)
Fee $1.00 for each course.

236 (336). WOODWIND CLASS METHODS—CLARINETS. Fall. (2 q. hrs.)
Fee $1.00.

237 (337). BRASS CLASS METHODS—TRUMPET AND HORN. Winter. (2 q. hrs.)
Fee $1.00.

238. VIOLONCELLO AND CONTRA-BASS METHODS. Spring. (2 q. hrs.)
Fee $1.00.

337 (339). BRASS AND PERCUSSION METHODS—TROMBONE, BARITONE, TUBA, AND DRUMS. Fall. (2 q. hrs.)
Fee $1.00.

356 (338). WOODWIND CLASS METHODS—FLUTE, OBOE, AND BASSOON. Winter. (2 q. hrs.)
Fee $1.00.
Above courses are required in the music curriculum.

III. Theory and History of Music

123, 124, 125. SIGHT SINGING, THEORY AND DICTATION. Fall, winter, spring. (2 q. hrs. for each course.)

A study of the elements of music—melody, harmony, and rhythm. Aural analysis of scales, chords, intervals, key relationships, melodies, and rhythms; the techniques of transferring these sounds to musical notation. Synthesis through sight-singing and simple keyboard harmony.

Required in the music curriculum. These courses meet four periods a week.

229. MUSIC APPRECIATION. Winter and spring. (4 q. hrs.)

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many favorite selections from the great music literature are made familiar through hearing and analysis.

Elective in all curricula except music. Required in the speech curriculum.

230, 231, 232. HARMONY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Required in the music curriculum. Prerequisite: Music 125.

347. ORCHESTRATION. Spring. (2 q. hrs.)

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school group are required.

Required in the music curriculum. Prerequisite: Music 232.

351, 352. HISTORY AND APPRECIATION OF MUSIC. Winter, spring. (4 q. hrs. for each course.)

The first course emphasizes the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, emphasizing representative musical literature. The second quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

Required in the music curriculum.

449 (338). ELEMENTARY CHORAL CONDUCTING. Fall. (2 q. hrs.)

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

Required in the music curriculum.

450. **ADVANCED CONDUCTING. Winter. (2 q. hrs.)**

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles, the oratorio, and opera.

Required in the music curriculum. Prerequisite: Music 449.

IV. Music Education

120. **INTRODUCTION TO MUSIC. Fall. (4 q. hrs.)**

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the elementary curriculum.

227. **MUSIC IN RURAL SCHOOLS. Summer term only. (4 q. hrs.)**

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Charactertistics of the child voice through the elementary school period; the off-tune singer. The rote plan, the Iowa Phonograph-Choir plan, the development of music reading, part-singing. Rhythmic development of children; singing games, folk dancing, and rhythm bands. Appreciation through listening experiences. Creative music. Review of elements of music and conducting. Music in the community. Problems of planning and supervision.

228. **MUSIC IN ELEMENTARY SCHOOLS. Spring. (4 q. hrs.)**

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class and made clear through observation of music teaching in the Training School.

Required in the music and elementary curricula. Prerequisite in the elementary curriculum: Music 120.

340. **METHODS OF TEACHING MUSIC IN SECONDARY SCHOOLS. Spring. (4 q. hrs.)**

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

Required in the music curriculum.

451. MUSIC SUPERVISION. Omitted 1947-48. (2 q. hrs.)

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria for evaluating music instruction. Methods of improving the music teaching of grade, rural, and high school teachers. Problems of supervision.

452. PSYCHOLOGY OF MUSIC. Summer. (4 q. hrs.)

A study of psychological concepts of musical factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the voice and of musical instruments.

V. Music Organizations

A music major, upon completing 12 quarter hours in the Department of Music, may register for credit in the principal organizations (Chorus, Band, Orchestra). One hour of credit is granted for one year's continuous work in each organization. A total of *nine* hours may thus be earned toward the department requirements for a major in music. A music minor, after his freshman year, may register for a total of *four* hours.

College Chorus (Choral Ensemble 256, 356, 456).

The chorus presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular choral literature. Rehearsals are held twice weekly.

Symphonic Band (Band Ensemble 256, 356, 456).

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the College. Two rehearsals are held each week.

Orchestra (Orchestra Ensemble 256, 356, 456).

The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Two rehearsals each week.

Cecilian Singers. (Vocal Ensembles 256, 356, 456.)

A glee club open to all women students who enjoy singing. Rehearsals are held twice weekly.

Small Ensembles. (No credit.)

Groups of vocalists or instrumentalists are organized to afford experience in small ensemble performance and to provide flexible program material. Scheduled rehearsals each week.

Recitals. (No credit.)

In addition to the senior recital in the student's major applied music field, each student is required to appear at least two times during the year on a student recital program. Valuable experience is thus gained through public performance. Attendance by all music majors and minors is required at these recitals as well as at other music events sponsored by the Department of Music. The head of the department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, four hours a week, is required of all men. The courses consist in elementary work in the following activities:

- Gymnastics
- Tumbling
- Apparatus work
- Softball
- Soccer
- Basketball
- Volleyball
- Golf
- Tennis
- Touch football

At the beginning of each year a physical examination is given to all students. When abnormalities and weaknesses are disclosed by the examinations, corrective exercise and restricted activities are prescribed. The Health Service Department follows up all cases in need of medical attention.

EQUIPMENT. Each student who takes physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition. The College furnishes the student, upon the deposit of $3.50, a locker and towels. Upon return of the towels and padlock, $2.50 of this fee is refunded.

Professional Courses

120. SPORT TECHNIQUE IN TENNIS, GOLF, ARCHERY, AND BADMINTON. Fall. (4 q. hrs.)

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports.

Required.

121. ELEMENTARY GYMNASTICS. Winter. (4 q. hrs.)

This course includes the theory and practice of gymnastics, tumbling stunts, calisthenics, and marching. Methods of teaching these activities, care of apparatus, mats, and technique of spotting.

Required.

122. OUTDOOR RECREATIONAL SPORTS. Spring. (4 q. hrs.)

The rules, technique, and strategy of soccer, touch football, volleyball, and softball; teaching and appreciation of these sports.

Required.

132. LEADERSHIP IN RECREATION. Spring. (4 q. hrs.)

Elective. Open to both men and women.

226. PHYSICAL EDUCATION ACTIVITIES FOR ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Winter. (4 q. hrs.)

This course includes the study and practice of the physical education activities for the different age levels, including the organization, management, and methods in the leadership of the various activities.

Required.

227. PHYSICAL EDUCATION AND HEALTH EDUCATION IN ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. Spring. (4 q. hrs.)

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students, the evaluation of various methods and procedures, and the relationship of activities to the health program.

Required.

228. ORGANIZATION AND ADMINISTRATION OF PLAYGROUNDS. Spring. (4 q. hrs.)

Elective for men and women.

244 (344). KINESIOLOGY. Fall. (4 q. hrs.)

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Zoology 225.

340. METHODS AND MATERIAL FOR TEACHING PHYSICAL EDUCATION. Spring. (4 q. hrs.)

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required.

347. BASKETBALL COACHING. Fall. (4 q. hrs.)

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required.

348. FOOTBALL COACHING. Winter. (4 q. hrs.)

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required.

349. TRACK AND FIELD COACHING. Spring. (4 q. hrs.)

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required.

350. BASEBALL COACHING. Spring. (4 q. hrs.)

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Fall. (4 q. hrs.)

A review of the historical background of physical education traces the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relationship of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives of physical education are considered.

452. PHYSICAL EDUCATION ADMINISTRATION AND SUPERVISION. Winter. (4 q. hrs.)

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications, the planning of courses of study, the construction, equipment, and upkeep of gymnasiums and playfields, records, interschool relationships, and the intramural program.

453. ADVANCED GYMNASTICS. Omitted 1947-48. (4 q. hrs.)

Advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, and use of the lunging belt and safety devices; organization for public demonstrations.

454. FOOTBALL AND BASKETBALL OFFICIATING. Fall. (4 q. hrs.)

The technique of officiating; study of the rules; relation of the official to the Illinois High School Athletic Association. The student officiates in intramural, junior high school, and senior high school games.

455. BASEBALL AND TRACK OFFICIATING. Spring. (4 q. hrs.)

The technique of officiating; study of the rules. In baseball the student officiates in both hard and softball games and in track he practices starting and refereeing meets.

PHYSICAL EDUCATION FOR WOMEN

Physical Education, four hours a week, is required of all students.

An annual physical examination is given to all students and the physical education requirements are adjusted to the individual.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

101. FUNDAMENTALS AND HOCKEY. Fall. (1 q. hr.)

102. FUNDAMENTALS, SOCCER AND HEALTH EDUCATION. Fall. (1 q. hr.)

103. FUNDAMENTALS AND TENNIS. Spring. (1 q. hr.)

104. FUNDAMENTALS AND ARCHERY. Summer. (1 q. hr.)

105. GOLF AND HEALTH EDUCATION FOR TEACHERS. Spring and summer. (1 q. hr.)

106. SOFTBALL, SELF-TESTING ACTIVITIES, AND HEALTH EDUCATION. Spring. (1 q. hr.)

107. FUNDAMENTALS AND BASKETBALL. Winter. (1 q. hr.)

108. RHYTHM ANALYSIS, VOLLEYBALL AND HEALTH EDUCATION. Winter. (1 q. hr.)

210. INTRODUCTION TO MODERN DANCE. Winter. (1 q. hr.)

315. OUTDOOR GAMES FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Fall. (1 q. hr.)

Required in the elementary curriculum.

316. RHYTHMS FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Winter. (1 q. hr.)

Required in the elementary curriculum.

317. INDOOR AND RECREATIONAL GAMES FOR ELEMENTARY GRADES AND HEALTH EDUCATION FOR TEACHERS. Spring. (1 q. hr.)

Required in the elementary curriculum.

318. RECREATIONAL DANCING AND HEALTH EDUCATION FOR TEACHERS. Winter. (1 q. hr.)

401. BADMINTON, ARCHERY, AND HEALTH EDUCATION FOR TEACHERS. Fall. (1 q. hr.)

Senior Physical Education

During the fall and spring quarters, seniors do four hours of physical activity on their own time. Clinics are held each week to help those who need to improve their skill in the activities they have chosen. Skill tests at the beginning and end of the quarter record improvement in skill.

Courses for Individual Needs

Courses in a modified form of activity are offered for students with individual problems. "Rest" classes for students whose physical condition will not permit any activity are also available.

Professional Courses

130. PLAYS, GAMES AND ACTIVITIES OF LOW ORGANIZATION. Fall. (4 q. hrs.)

Activities basic to those taught in the high school.

Required in the physical education curriculum.

131. FIRST AID AND SAFETY EDUCATION. Winter. (4 q. hrs.)

Required in the physical education curriculum.

132 (344). LEADERSHIP IN RECREATION. Spring. (4 q. hrs.)

Leadership, recreational activities, organization of girls' clubs, community recreation, playground supervision.

Required in the physical education curriculum.

233 (454). TECHNIQUE OF SOCCER, SPEEDBALL, AND ARCHERY. Fall. (4 q. hrs.)

Required in the physical education curriculum.

234 (450). TECHNIQUE OF BASKETBALL AND VOLLEYBALL. Winter. (4 q. hrs.)

Required in the physical education curriculum.

235. THEORY OF PRESCRIBED EXERCISE. Spring. (4 q. hrs.)

Study and practice of posture examination and remedial posture measures in the school program.

Required in the physical education curriculum. Prerequisite: Zoology 225, Physical Education 244.

244. KINESIOLOGY. Winter. (4 q. hrs.)

Body mechanics in relation to posture, sports, dancing and everyday activities.

Required in the physical education curriculum. Prerequisite: Zoology 225.

341. TECHNIQUE OF HOCKEY AND BADMINTON. Fall. (4 q. hrs.)

Required in the physical education curriculum.

343. TECHNIQUE OF SOFTBALL AND TENNIS. Spring. (4 q. hrs.)

Required in the physical education curriculum.

345. PHYSICAL EDUCATION ACTIVITIES FOR THE RURAL SCHOOL. Summer term only. (4 q. hrs.)

346. THE DANCE IN EDUCATION. Winter. (4 q. hrs.)

Dance as an art. The teaching of the dance in the public school system.

Required in the physical education curriculum. Prerequisite: Music 120 and Physical Education 210.

347. HEALTH ACTIVITY PROJECTS FOR THE ELEMENTARY GRADES. Summer term only. (4 q. hrs.)

450. PROBLEMS IN PHYSICAL EDUCATION. Fall. (4 q. hrs.)

Current trends in the field of health, physical education, and recreation. To include methods of teaching, evaluation of performance in activities, and any other material related to current tendencies in the field including the extra-curricular functions of the teacher of physical education.

Required in the physical education curriculum.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. Winter. (4 q. hrs.)

Interpretation, objectives, and history of physical education in its relationship to other phases of education.

Required in the physical education curriculum.

456. ORGANIZATION AND ADMINISTRATION OF A PHYSICAL EDUCATION PROGRAM. Spring. (4 q. hrs.)

Required in the physical education curriculum. Prerequisite: Physical Education 451.

458. OBJECTIVES OF PHYSICAL EDUCATION AND ADMINISTRATION OF THE PROGRAM. Spring. (4 q. hrs.)

Required for a minor in physical education. No credit toward a major in physical education.

BIOLOGICAL SCIENCE

I. Hygiene and Human Physiology

120. HYGIENE AND SANITATION. Every quarter. (4 q. hrs.)

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

Required in all curricula.

345. PHYSIOLOGY. Spring. (4 q. hrs.)

A study of the basic physiological principles is followed by experimental studies of muscle-nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Zoology 225.

346. PHYSIOLOGY. Omitted 1947-48. (4 q. hrs.)

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345.

II. Botany

Botany 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

120. GENERAL BOTANY. Fall. (4 q. hrs.)

A course designed to give the student a knowledge of the fundamental life processes concerned in the growth of plants; the manufacture of the foods by green plants that are essential for all plants and animals; the structure of leaves, stems, and roots in sufficient detail to understand the processes that result in growth and the effect of environment upon these processes.

Required in the botany, home economics, and zoology curricula. Fee $1.00.

121. GENERAL BOTANY. Winter. (4 q. hrs.)

This is a study of the reproductive phase of plant life; a study of the reproduction of flowering plants leading to the formation of seeds and fruits; the mechanism of heredity and the quality of hybrids. The last part of the work gives the student the opportunity of surveying the natural groups of the plant kingdom with their development and environmental relationships and their economic significance.

Required in the botany and zoology curricula. Prerequisite: Botany 120. Fee $1.00

122. GENERAL LOCAL FLORA. Spring. (4 q. hrs.)

An introduction to the geographic and physiographic ecology of North America; the identification of trees in winter and summer condition, of the fresh water algae, liverworts, mosses, ferns, and herbaceous flowering plants and shrubs as the season advances, with a study of the structures essential for the recognition of these plants.

This course is of special value for those who will teach biological science in the secondary schools or nature study in the elementary schools, and for those who want to know plants and how to name them.

Required in the botany and zoology curricula. Prerequisite: Botany 120 and 121, or permission of the instructor.

230. THE MORPHOLOGY OF GREEN PLANTS. Fall. (4 q. hrs.)

A study of the vegetative and reproductive structures of the green plants, algae, liverworts, mosses, ferns and fern allies, conifers and flowering plants, and a comparative study of their typical life histories. Many specimens of these groups are available and a special effort is made to have living plants for class study. A superior collection of microscopic and lantern slides is available for the demonstration of all structures.

Required in the botany curriculum. Prerequisite: Botany 120 and 121. Fee $1.00.

231. AN INTRODUCTION TO FUNGI AND PLANT DISEASES. Winter. (4 q. hrs.)

The structure, life histories, and physiology of the groups of fungi (non-green plants) and their relation to decay, fermentation, and the important plant diseases, with methods of control especially for those causing disease. There are available comprehensive collections of fungi and microscopic slides for the demonstration of the structures of the various types of fungi.

Required in the botany curriculum. Prerequisite: Botany 120 and 121. Fee $1.00.

232. ECONOMIC BOTANY. Spring. (4 q. hrs.)

A study of the methods of plant propagation, the control of the life processes and regulation of the plant's environment for greater economic return as practiced in agriculture and industry; the effect of environmental factors on vegetation centers which have become crop centers; the production of carbohydrates, fats, fibers, lumber, spices, drugs, and other plant products as they occur in world trade. There are field trips to some of the more important industrial concerns using plants or plant products.

Required in the botany curriculum. Prerequisite: Botany 120 and 121.

235. MICROBIOLOGY. Winter and spring. (4 q. hrs.)

A study of the occurrence, numbers, distribution, isolation, and culture of bacteria and other fungi; the microbiology of foods, water, and sewage; the use of micro-organisms for the production of foods and other economic products.

Required of home economics majors and in GN, GT, and GH curricula. Recommended as a unit for a botany minor. Prerequisite: Botany 120 and a year of chemistry. Fee $1.00.

249. SYSTEMATIC BOTANY. Fall. (4 q. hrs.)

A study of the grasses and sedges and other monocotyledons; a study also of the other flowering plants not included in Botany 122. There are trips for the observation and collection of plants from both forest and prairie habitats.

Elective. Recommended especially to students with majors in botany or zoology, and to students in curriculum GA. Prerequisite: Botany 120, 121, 122.

250. GENETICS. Winter. (4 q. hrs.)

The problems of plant and animal inheritance explained by the biological processes involved in heredity. The general topics are simple Mendelian inheritance, hybrid segregation and propagation of hybrids, fluctuations and mutations and the genetic background explaining the change in kind (plant and animal). There are field trips to hybrid corn plants and to experimental and commercial greenhouses showing the application of genetic principles.

Elective. Prerequisite: One year of laboratory work in botany or permission of the instructor.

251. PLANT ECOLOGY. Spring. (4 q. hrs.)

A study of the geographic and physiographic distribution of plants. The common plant societies and the plant successions leading to the development of forests and grasslands. Field trips are made to illustrate phases of the work.

Elective. Recommended especially to students in curriculum GA, and to others who are interested in problems of conservation of natural resources. Prerequisite: Botany 120, 121, 122 and 249.

340. METHODS OF TEACHING BOTANY. Winter. (4 q. hrs.)

This is a study of the methods of teaching high school botany and the part it takes in the biological science taught in high schools. A part of the training is the collection and preparation of material and the setting-up of experiments used in the teaching of high-school classes.

Required of botany majors and as a prerequisite to practice teaching. Prerequisite: Two years' work in college botany. A year of zoology is desirable.

343. MICROTECHNIC. Winter. (4 q. hrs.)

A course designed to give the student the opportunity of learning the techniques of the preparation of microscopic slides for use in teaching: fresh sections, temporary slides, permanently stained slides, and serial sections. The student can make enough microscopic slides of good quality to use as teaching aids in teaching high-school classes. It is desirable that students shall have had a year of chemistry.

Required in the botany curriculum. Prerequisite: Botany 120, 121, 122, and 230 or its equivalent. Fee $1.00.

344. EXPERIMENTAL PLANT PHYSIOLOGY. Fall. (4 q. hrs.)

A qualitative and quantitative study by experiments and demonstrations of the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth and culture of plants.

Required in the botany curriculum. Prerequisite: Botany 120 and 121 and one year of chemistry. Fee $1.00.

345. ADVANCED BOTANY. Any quarter. (4 q. hrs.)

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Prerequisite: Five quarters of botany and the instructor's permission.

346. PLANT ANATOMY AND WOOD IDENTIFICATION. Spring. (4 q. hrs.)

A critical study of the development of the tissues of leaves, stems, and roots of seed plants; the origin and differentiation of tissues and organs; the common ecological variations and hereditary types of structures; the anatomy of woods, and ways of identifying the common commercial woods.

Required in the botany curriculum. Prerequisite: Botany 120, 121 and 122. Fee $1.00.

III. Zoology

Zoology 120, 121, 122 is planned as a general cultural course as well as an introduction to further study of the biological sciences. It satisfies the core curriculum requirement of a year of a laboratory science.

The other courses in the department cater to the special requirements of other fields or give detailed knowledge of the field of zoology for those who desire to make it their major or minor interest or who may wish to go on to graduate work.

120. ANIMAL BIOLOGY. Fall. (4 q. hrs.)

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Fee $1.00.

121. ANIMAL BIOLOGY. Winter. (4 q. hrs.)

This course is concerned with the various types of reproduction in animals, with genetics and eugenics, and with fundamentals of classification.

Prerequisite: Zoology 120 or equivalent. Fee $1.00.

122. ANIMAL BIOLOGY. Spring. (4 q. hrs.)

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, economic importance and evolution are considered.

Fee $1.00.

123. NATURE STUDY. Summer term only. (4 q. hrs.)

The aim of this course is to give a background for the teaching of nature study in the grades. The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

124. NATURE STUDY. Summer term only. (4 q. hrs.)

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter. Much of the work is done in the field.

125. NATURE STUDY. Summer term only. (4 q. hrs.)

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

225. ANATOMY. Every quarter. (4 q. hrs.)

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the speech curriculum, physical education curriculum for men and women, and the GM, GN, and GH curricula. Fee $1.00.

226. ECONOMIC ENTOMOLOGY. Spring. (4 q. hrs.)

A basic study of the structure, life histories and methods of control, followed by specific studies, of the common insect pests found in Illinois.

Required in the GA curriculum. Fee $1.00.

227. PARASITOLOGY. Omitted 1947-48. (4 q. hrs.)

The fundamentals of the study of animal parasites, considering means of identification, life histories, and methods of control of the more common parasites.

Recommended as an elective in the GT curriculum. Fee $1.00.

230, 231, 232. VERTEBRATE ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology 232, with birds and mammals.

Required in the zoology curriculum; recommended for zoology minors. Prerequisite: Zoology 120, 121. Fee $1.00 for each course.

236. GENETICS. Omitted 1947-48. (4 q. hrs.)

A study of the basic laws of heredity and variation; the Mendelian laws of heredity applied to animals and to man.

Prerequisite: One year of zoology or botany.

340. METHODS OF TEACHING ZOOLOGY. Spring. (4 q. hrs.)

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required in the zoology curriculum.

343, 344, 345. ADVANCED ZOOLOGY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied.

Required in the zoology curriculum. May be used as the second year of a minor. Prerequisite: Zoology 120, 121, 122. Fee $1.00 for each course.

346. EMBRYOLOGY. Fall. (4 q. hrs.)

A study of the development of vertebrate animals, including such subjects as formation of germ cells, maturation, fertilization, growth and cellular differentiation, and heredity. Studies of the frog, chick and pig are included in the laboratory assignments. Lectures include a study of human embryology. Designed especially for students in GM and GN curricula and majors in zoology.

Prerequisite: One year of zoology and consent of the head of the department. Fee $1.00.

446. MICROTECHNIC. Winter. (4 q. hrs.)

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Prerequisite: Two years of zoology and permission of the instructor. Fee $1.00.

447. ANIMAL BEHAVIOR. Any quarter, by arrangement. (4 q. hrs.)

Theoretical and experimental studies of the reactions of animals to various stimuli.

Prerequisite: Two years of zoology and permission of the instructor.

448. ANIMAL ECOLOGY. Any quarter, by arrangement. (4 q. hrs.)

A study of various animal associations and the effects of environmental conditions.

Prerequisite: Two years of zoology and permission of the instructor.

449. SPECIAL PROBLEMS IN ZOOLOGY. Any quarter. (4 q. hrs.)

An advanced course for those interested in studying some special problem in the zoology field. The work is done independently with advice of the instructor.

Prerequisite: Three years of zoology and permission of the instructor. Fee $1.00.

450. ANIMAL HISTOLOGY. Spring. (4 q. hrs.)

Designed to enable students to understand and recognize the minute structure of animal tissues.

Elective. Prerequisite: Zoology 120, 121, 122, 446. Fee $1.00.

IV. Biology

126, 127, 128. GENERAL BIOLOGICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the elementary curriculum. Does not count as part of a minor in botany or zoology. Fee $1.00 for each course.

129. ELEMENTARY SCIENCE. Summer term only. (4 q. hrs.)

A course planned to acquaint the teacher with content suitable for an elementary science course and with the technique of the unit method which is recommended in bulletins on the elementary curriculum issued by the Illinois State Department of Instruction. Offered at varying grade levels with the co-operation of the grade critic.

PHYSICAL SCIENCE

I. Chemistry

The elementary chemistry courses (130, 131, 132) are fundamentally cultural courses and also basic to further work in the physical sciences, medicine, dentistry, nursing, engineering, etc. They help the student to understand something of the nature of our physical world and how it influences our daily lives. These courses satisfy the core curriculum requirement for a year of laboratory science.

NOTE: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Chemistry minors should elect Chemistry 130, 131, 132 and a second year's work in analytical or organic chemistry. This may be a combination, such as Chemistry 343, 344, 235; 343, 344, 212; or a year's sequence of either.

Chemistry majors are required to elect Chemistry 450 (one quarter) unless Chemistry 446, 447 and 448 are elected.

A breakage fee of $3.00 is charged for laboratory courses in chemistry. The unused portion is returnable at the end of the course.

All courses except Chemistry 300 and 340 have two classes and two two-hour laboratories per week. Chemistry 300 has three classes and individual laboratory work. Chemistry 340 meets four times weekly.

130*, 131*, 132. ELEMENTARY CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

A general cultural course providing an introduction to the basic fundamentals and principles of chemistry; the common metals and non-metals, the simpler organic compounds, and an introduction to qualitative analysis of metals.

*Required in the chemistry, physics, botany, and zoology curricula and accepted as a year of laboratory science in other curricula. *Chemistry 130 and 131 required in winter and spring for Home Economics majors.*

210, 211. ORGANIC CHEMISTRY FOR MAJORS IN HOME ECONOMICS AND PRE-NURSING. Fall, winter. (4 q. hrs. for each course.)

An introductory course emphasizing the basic principles of organic reactions. The chemistry of the simpler aliphatic and aromatic compounds; carbohydrates; lipids, proteins; dyes and drugs.

Required in the home economics and GN curricula. Prerequisite: Chemistry 130, 131.

212. BIOCHEMISTRY. Spring. (4 q. hrs.)

A brief survey of the chemistry of biological and food materials, of nutrition and of physiological processes.

Required in the home economics curriculum. Elective in other curricula. Prerequisite: Chemistry 210, 211; or Chemistry 343, 344.

233. QUALITATIVE ANALYSIS. Fall. (4 q. hrs.)

The systematic analysis of metallic and non-metallic ions by semimicro methods, and the study of the principles involved in their separation and identification. Emphasis is placed on an understanding of the chemistry involved rather than on the techniques of analysis.

Required in the chemistry curriculum. Prerequisite: Chemistry 130, 131, 132; Physics 130 or simultaneous registration therein.

234. QUALITATIVE AND QUANTITATIVE ANALYSIS. Winter. (4 q. hrs.)

A continuation of Chemistry 233 for the first half of the term. The second half of the term is devoted to the calibration of quantitative apparatus.

Required in the chemistry curriculum. Prerequisite: Chemistry 233.

235. QUANTITATIVE ANALYSIS. Spring. (4 q. hrs.)

The principles and techniques of volumetric and gravimetric analysis.

Required in the chemistry curriculum. Prerequisite: Chemistry 130, 131, 132, and Physics 130.

300. PHOTOGRAPHY. Winter. (4 q. hrs.)

The general theory and use of the camera, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition. Experiments are assigned in accordance with experience and ability.

Prerequisite: One year of college laboratory science and a camera.

NOTE: This course does not count toward a major or minor in chemistry.

340. METHODS OF TEACHING CHEMISTRY. Spring. (4 q. hrs.)

Required in the chemistry curriculum.

343, 344, 345. ORGANIC CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

The aliphatic and aromatic series and the theories of organic chemistry.

Required in the chemistry, GM, GD, GT, and GA curricula. Prerequisite: Chemistry 130, 131; Chemistry 132 or simultaneous registration.

346. PHYSICAL CHEMISTRY FOR PRE-MEDICAL STUDENTS. Summer. (4 q. hrs.)

A study of gas laws, liquids, solutions, chemical equilibrium, oxidation and reduction, colloidal substances, etc., as applied to the medical sciences. Mathematical requirements are kept at a minimum.

This course is designed primarily for students in pre-medicine and pre-dentistry. Prerequisite: Chemistry 343, 344, 235.

360. CHEMISTRY OF COLLOIDAL SUBSTANCES. Omitted 1947-48. (4 q. hrs.)

A study of the preparation, properties and uses of the major classes of colloidal materials and their applications to the biological sciences, to medicine, and to industry.

Prerequisite: Two years of college chemistry, and consent of the instructor.

446, 447, 448. THEORETICAL CHEMISTRY. Fall, winter, spring. (4 q. hrs. for each course.)

A study of the principles governing chemical change. Included are: gas laws and the kinetic theory, crystals, liquids and solutions, thermochemistry and thermodynamics, chemical equilibria, colloidal phenomena, the phase rule, electro-chemistry, atomic and nuclear structure, etc.

Prerequisite: Chemistry 235, 343 (or simultaneous registration therein); Mathematics 235, 236.

450, 451, 452. ADVANCED CHEMISTRY. Every quarter. (4 q. hrs. for each course.)

Laboratory technique, maintenance and repair of apparatus and use of chemical literature are developed by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department.

Chemistry 450 is required of all chemistry majors unless Chemistry 446, 447, 448 are elected. Prerequisite: Senior standing in chemistry and consent of the head of the department.

II. Physics

NOTE: All courses except Physics 340, 344, and 350 have two lecture periods and two laboratory periods a week. Physics 340 meets four periods a week.

130, 131, 132. FIRST YEAR OF COLLEGE PHYSICS. 132, Fall and spring; 130, Fall and winter; 131, Winter and spring. (4 q. hrs. for each course.)

Physics 130, mechanics; 131, heat, sound, and light; 132, magnetism and electricity and modern physics.

Required in the physics curriculum. Acceptable as a year of laboratory science in any curriculum. Preferably these courses should be taken in the order listed but may be taken in any order. Fee $1.00 for each course.

236. LIGHT. Fall. (4 q. hrs.)

Photometry and illumination problems; prisms and lenses and their uses in optical instruments; interference phenomena; spectra and color; polarized light; ultra-violet and infrared.

Prerequisite: First year college physics. Fee $1.00.

237. ELECTRICITY AND MAGNETISM. Winter. (4 q. hrs.)

Circuit analysis for A. C. and D. C. circuits; distribution of electricity; characteristics of transformers and motors; single and polyphase currents; uses of inductance and capacitance in circuit controls; special uses of electricity in industry; magnetic circuit and properties of magnetic materials.

Prerequisite: First year college physics. Recommended for industrial arts majors. Fee $1.00.

238. SOUND. Winter. (4 q. hrs.)

Physical principles of production and control of sound; the applications of principles to music and musical instruments; hearing; a brief introduction to architectural acoustics; summary of modern methods of analysis.

Prerequisite: First year college physics or music. Fee $1.00.

322. HOUSEHOLD PHYSICS. Spring. (4 q. hrs.)

A required course for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home.

335. MECHANICS. Spring. (4 q. hrs.)

Basic laws of forces and motion; applications in engineering; energy and its transformation; properties of matter.

Required of physics majors. Recommended for mathematics majors. Prerequisite: First year college physics and Mathematics 235, 236. Fee $1.00.

339. HEAT AND THERMODYNAMICS. Winter (4 q. hrs.)

Thermometry; expansion; changes of state; colorimetry; heats of combustion; heat transfer; gas laws; mechanical relations and heat engines; adiabatic transformation; entropy.

Required of physics majors. Prerequisite: First year college physics and Mathematics 235, 236. Fee $1.00.

340. METHODS OF TEACHING PHYSICS. Spring. (4 q. hrs.)

Required in the physics curriculum.

343. ELEMENTS OF ELECTRONICS. Fall. (4 q. hrs.)

Principles of vacuum tubes; types of tubes and their special uses; power supply; amplifier circuits; oscillators; tuned circuits; tube control circuits and their uses. This course is intended to provide the background for understanding the principles and uses of electronic control equipment found in industry and also as a basis for Physics 345.

Prerequisite: First year college physics. Fee $1.00.

344. ELECTRONIC MEASUREMENTS. Spring. (4 q. hrs.)

The various uses of the oscilloscope as a calibrated instrument in electronics measurements and testing; testing of audio amplifiers with audio oscillator and output meter; testing R. F. circuits with signal generator; capacitance and inductance measurements; frequency calibration of R. F. oscillators; "Q" and "Z" measurements; vacuum tube voltmeters and multimeters. An all-laboratory course.

Prerequisite: Physics 343. Fee $1.00.

345. RADIO. Winter. (4 q. hrs.)

Principles of radio communication; typical radio receiver circuits; properties and functions of major components of radio sets; characteristics of radio waves and their application in A.M., F.M. and television; amplifiers, and public address systems; properties and uses of micro-waves.

Prerequisite: Physics 343. Fee $1.00.

350. ELECTRICAL MEASUREMENTS. Fall. (4 q. hrs.)

Current and ballistic galvanometers; bridge and potentiometer circuits; measurement of resistance, inductance, capacitance, and electromotive force; thermo-electromotive force; calibration of electrical instruments; magnetic measurements. An all-laboratory course.

Prerequisite: First year college physics. Fee $1.00.

470. ELECTRON PHYSICS. Fall. (4 q. hrs.)

Ionization; Einstein energy-radiation equation; photo-electricity; spectra; X-rays; X-ray equipment; use of the electrometer and electroscope; Millikan oil-drop experiment; effect of electric field.

Prerequisite: First year college physics and Mathematics 235 and 236. Fee $1.00.

471. NUCLEAR PHYSICS. Winter. (4 q. hrs.)

Isotopes and the mass spectrograph; radioactivity; positron; neutron; cloud chamber; Geiger counter; e/m and effect of magnetic field.

Prerequisite: First year college physics and Mathematics 235 and 236. Fee $1.00.

472. MODERN PHYSICS EQUIPMENT AND ATOMIC TRANSFORMATIONS. Spring. (4 q. hrs.)

Cyclotron; betatron; synchrotron; high voltage accelerators; electron microscope; cosmic rays; artificial radioactivity and disintegrations; vacuum technique.

Prerequisite: Physics 470 and 471. Fee $1.00.

III. Physical Science

100, 101, 102. PHYSICAL SCIENCE. Fall, winter, spring. (4 q. hrs. for each course.)

A survey course in chemistry and physics.

Required in the elementary curriculum. Elective in other curricula as a year of laboratory science. Not counted toward a minor in chemistry or physics. Fee $1.00 for each course.

SOCIAL SCIENCE

Requirements for a major; Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 354, 355, 356 or 453, 454, 455; 340.

Requirements for a minor: Social Science 233, 234, 235 and any other year's sequence in social science.

137. GREEK HISTORY WITH ITS ORIENTAL BACKGROUNDS. Fall and winter. (4 q. hrs.)

This course includes a brief survey of Egypt and the Fertile Crescent area, culminating in an optional trip to Chicago's Oriental Institute. The main body of the course is devoted to Greek history, as follows: Aegean backgrounds and early Greek life; the Formative Age; Hellenic history and achievements; the Hellenistic world and its influence on the Roman Empire.

Required in the social science, foreign language, and elementary curricula.

138. ROMAN HISTORY. Winter. (4 q. hrs.)

A survey course in the history of ancient Rome and of the Roman Empire, as follows: rise of the Roman Republic and conquest of the world; a century of revolution; the Establishment and the two centuries of peace; military rule and internal conflicts of the third century; the Autocracy and the declining empire; the eve of the Middle Ages.

Required in the social science, foreign language, and elementary curricula.

139. MEDIEVAL HISTORY, A. D. 500 to 1500. Fall and spring. (4 q. hrs.)

This course surveys the changing patterns of life in the Middle Ages. Main topics include: continuing influence of the Roman Empire; the High Middle Ages; the decline of medieval institutions and the emergence of modern times.. Late in the course there is an optional trip to St. Louis to study exhibits which illustrate the art and ideas of the medieval period.

Required in the social science, art, and elementary curricula.

233. HISTORY OF THE UNITED STATES TO 1840. Fall. (4 q. hrs.)

Survey of colonial history. The independence movement. The framing and adoption of the Constitution. The growth of American nationality. Western development and Jacksonian democracy.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

234. HISTORY OF THE UNITED STATES, 1841 TO 1898. Winter. (4 q. hrs.)

Manifest Destiny and the slavery controversy. The Civil War and Reconstruction. The new industrial society and the agrarian movement.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

235. HISTORY OF THE UNITED STATES SINCE 1898. Spring. (4 q. hrs.)

The War with Spain. The United States as a World Power. The growth of industry and the progressive movement. The First World War. Postwar problems. Depression and the New Deal. The Second World War.

Required in the two-year general, social science, and elementary curricula. At least one quarter required of all candidates for graduation.

240. METHODS AND MATERIALS IN THE SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. Omitted 1947-48. (4 q. hrs.)

Elective in the elementary curriculum.

250F. FIELD STUDIES IN THE HISTORY OF THE AMERICAN SOUTHWEST. Summer term 1947. (6 q. hrs.)

Eight weeks of directed observation and study of the history of the Southwest with the Prairie State Field Studies. Six and one-half weeks in the field. Attention given to Spanish and American exploration and settlement, Indian culture, frontier conditions, development of natural resources, rise of ranching, agriculture, and industry, political development, the relationship between the history and the geography of the regions visited.

Prerequisites: Social Science 234, 235. Teaching experience in the social studies field may be offered in the place of course prerequisites, subject to the approval of the instructor.

254. ELEMENTS OF ECONOMICS. Fall. (4 q. hrs.)

255. ELEMENTS OF ECONOMICS, Continued. Winter. (4 q. hrs.)

256. ELEMENTS OF ECONOMICS, Concluded. Spring. (4 q. hrs.)

These courses are patterned after Social Science 354, 355, and 356. Required in curriculum GL, and as an elective in curriculum GB. Students who expect to take, or who have taken, Social Science 354, 355, and 356, should not take the above courses.

Prerequisite: Sophomore standing required. Not open to social science majors or to students enrolled in the four-year business education curriculum.

257 (256). RURAL SOCIOLOGY. Summer term only. (4 q. hrs.)

330. CONSUMER ECONOMICS. Winter and spring. (4 q. hrs.)

Required in the industrial arts and home economics curricula.

340. METHODS AND MATERIALS IN THE SOCIAL STUDIES IN THE SECONDARY SCHOOL. Spring. (4 q. hrs.)

To prepare students for work in the social studies classrooms. The course is divided into three parts: aims or objectives of social studies teaching; nature and scope of social studies materials; methods employed in teaching the social studies. Attention is centered on the analysis, evaluation, and application of methods. Techniques for appraising and selecting textbooks and other teaching aids receive attention.

Required in the social science curriculum.

343. HISTORY OF ENGLAND TO 1603. Fall. (4 q. hrs.)

Early settlement of the British Isles; Roman occupation, Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Angelican Church; English art and literature.

Required in the English curriculum.

344. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO 1830. Winter. (4 q. hrs.)

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum.

345. HISTORY OF THE BRITISH EMPIRE SINCE 1830. Spring. (4 q. hrs.)

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the first World War and its consequence; the Empire's greatest test in the second World War.

Required in the English curriculum.

346. HISTORY OF EUROPE, 1500 TO 1789. Fall. (4 q. hrs.)

Renaissance and Reformation. Dominance of Spain and France. Commercial Revolution. Second Hundred Years' War.

Required in the social science curriculum.

347. HISTORY OF EUROPE, 1789 TO 1871. Winter. (4 q. hrs.)

French Revolution and Napoleonic Era. Age of Metternich. Industrial Revolution. Unification of Italy and Germany.

Required in the social science curriculum.

348. HISTORY OF EUROPE, 1871 TO PRESENT. Spring. (4 q. hrs.)

Europe before 1914. Origins of World War I. Treaty of Versailles and origins of World War II. Problems of present-day reconstruction.

Required in the social science curriculum.

349. LATIN-AMERICAN HISTORY TO 1830. Fall. (4 q. hrs.)

A survey of the period of exploration and settlement of the Spanish and Portuguese empires in the western world. Colonial development. The era of revolution and independence. The relationships between the Latin-American colonies and nations with the English colonies and the United States.

350. LATIN-AMERICAN HISTORY SINCE 1830. Winter. (4 q. hrs.)

Political, economic, and cultural developments south of the Rio Grande. The relationships between the Latin-American republics and the United States. Emphasis on the Monroe Doctrine, the Pan-American Union, and the "Good Neighbor" policy.

350F. ADVANCED FIELD STUDIES IN THE HISTORY OF THE AMERICAN SOUTHWEST. Summer term 1947. (6 q. hrs.)

Students taking this course will be members of the same group as those taking Social Science 250F. A higher standard of comprehension and notebook preparation will be required. A teaching unit at a grade level selected by the student and based on the field study experiences will be included in the notebook.

Prerequisite: Open to students with junior and senior standing who have completed one year of United States history at the college level.

351. HISTORY OF CANADA. Spring. (4 q. hrs.)

The settlement of French Canada. French colonial development. The conquest of French Canada by the British. The change from colonial Canada to the Dominion. Political, economic and cultural growth of Canada as a part of the British Empire. The relationships between Canada and the United States. Emphasis on cooperation between the two countries.

354. PRINCIPLES OF ECONOMICS. Fall. (4 q. hrs.)

Economic characteristics of modern society. Economic organizations. Value and price determination.

Required in the business education curriculum.

355. PRINCIPLES OF ECONOMICS. Winter. (4 q. hrs.)

Money and banking. The business cycle. International trade. Rent, interest, wages, and profit.

Required in the business education curriculum.

356. PRINCIPLES OF ECONOMICS. Spring. (4 q. hrs.)

Government regulation of business. Public finance. Co-operatives, socialism, communism, and fascism. Selected economic problems.

Required in the business education curriculum.

363. STATE GOVERNMENT. Fall. (4 q. hrs.)

A study of the structure and functions of the government of the state with particular attention to the government of Illinois.

Required in the social science curriculum.

364. LOCAL GOVERNMENT. Winter. (4 q. hrs.)

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units.

Required in the social science curriculum.

365. THE NATIONAL GOVERNMENT. Spring. (4 q. hrs.)

A study of the structure and functions of the national government of the United States. The Constitution of the United States is examined in detail.

Required in the social science curriculum.

366. POLITICAL PARTIES AND POLITICS. Winter. (4 q. hrs.)

A study of the development, organization, functions, and significance of political parties in the United States.

367. INTERNATIONAL RELATIONS OF THE UNITED STATES. Spring. (4 q. hrs.)

A study of the place of the United States in the world community. The development of the machinery and spirit of international cooperation.

453. THE COMMUNITY AND SOCIETY. Fall. (4 q. hrs.)

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

At least one quarter required in the home economics curriculum.

454. PRINCIPLES OF SOCIOLOGY. Winter. (4 q. hrs.)

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture, and the social organization, social control, and social reform.

At least one quarter required in the home economics curriculum.

455. SOCIAL PROBLEMS AND SOCIAL TRENDS. Spring. (4 q. hrs.)

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

At least one quarter required in the home economics curriculum.

SPEECH

Requirements for a minor: Speech 130, 131, 132, 331, 433, 445.

130. FUNDAMENTALS OF SPEECH. Fall. (4 q. hrs.)

Content, language, voice, and action in student projects, including introductions, social conversations, telephone conversations, interviews, conferences, discussions, and extempore dramatics.

Required in the speech curriculum.

131. SPEAKING IN PUBLIC. Winter. (4 q. hrs.)

A consideration of the personality, subject matter, and rhetorical factors essential in composing and delivering speeches. Practical application of these principles in student speeches.

Required in the speech curriculum.

132. VOICE AND DICTION. Spring. (4 q. hrs.)

Instruction and practice in breathing, relaxation, tone production, rhythm, inflection, and enunciation.

Required in the speech curriculum.

244 (444). PLAY PRODUCTION (ACTING). Fall. (4 q. hrs.)

A study of the methods of learning and teaching techniques for the actor, including definite exercises and a practical approach to the art of acting.

Required in the speech curriculum.

246 (346). EVOLUTION OF ORATORY. Spring. (4 q. hrs.)

Analyses are made of various types of model speeches at different periods with emphasis on the present. Practice in composing and delivering original orations.

Required in the speech curriculum.

250. RADIO SPEAKING. Every quarter. (4 q. hrs.)

Consideration of the special problems involved in adapting the principles of effective speaking to the radio, in the composition and delivery of talks, announcements, round-table discussions, features, newcasts, and interviews. Practice afforded in general production and speaking techniques. Voice and program recordings.

Required in the speech curriculum. Prerequisite: Speech 130, 131, 132, or permission of the instructor.

331. DISCUSSION AND DEBATE. Winter. (4 q. hrs.)

Principles and participation in class discussions and debates on subjects of current interest.

Required in the speech curriculum.

335. ORAL READING. Fall. (4 q. hrs.)

Interpretation and oral reading of poetry and prose; includes composition analysis, kinds and levels of meaning, directness, communicativeness, phrasing, inflection, emphasis, climax, melody, rhythm, meter, and bodily responsiveness.

337 (135). CHORIC SPEECH. Fall. (4 q. hrs.)

Choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

345. PUBLIC SPEAKING. Every quarter. (4 q. hrs.)

This course gives actual practice in speaking before a group. The problems of choosing subjects, gathering material, and composing speeches, as well as delivering them effectively, are studied.

Required in all curricula except speech.

431 (131). CREATIVE DRAMATICS. Spring. (4 q. hrs.)

Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented.

433. SPEECH CORRECTION. Fall. (4 q. hrs.)

Recognition, prevention, and treatment of disorders of articulation, voice, and rhythm. The individual psychology of the speech-handicapped person is emphasized.

Required in the speech curriculum.

434. ADVANCED SPEECH CORRECTION I. Winter. (4 q. hrs.)

Observation and supervised treatment of children who have various types of speech defects.

Required in the speech curriculum. Prerequisite: Speech 433.

435. ADVANCED SPEECH CORRECTION II. Spring. (4 q. hrs.)

Actual clinical practice in speech correction and training in the use of audiometric and other clinic equipment. Analysis of testing required in speech correction field. Students are given opportunity to study and to work with speech and hearing cases in the Training School and in the College.

Elective. Prerequisite: Speech 433, 434.

445. PLAY PRODUCTION (DIRECTING). Spring. (4 q. hrs.)

The study and actual production of the play. Central emphasis is placed on directing, beginning with the script and including designing, costuming, make-up, and lighting.

Required in the speech curriculum.

446. THEATER ORGANIZATION. Winter. (4 q. hrs.)

A general survey of the field of dramatics. The study includes all aspects of professional theater as well as amateur and semi-professional theater.

IV. LISTS

SUMMARY OF ATTENDANCE

Twelve Months Ending June 1, 1947

	Men	Women	Total	Total
Eight Weeks' Summer Term, 1946	334	230	564	
Six Weeks' Summer Term, 1946	7	97	104	668
Extension Students, (Summer, 1946)				
Campus Workshop (3 weeks)	5	45	50	
Effingham Workshop (3 weeks)	14	86	100	
	19	131	150	150

Regular School Year—September 11, 1946 to June 4, 1947:

	Men	Women	Total	Total
Teachers College				
Seniors	79	48	127	
Juniors	79	63	142	
Sophomores	137	92	229	
Freshmen	669	185	854	
Post-Graduates	6	3	9	
Special Students	4	0	4	
Unclassified	2	0	2	
Total in College	976	391	1,367	
Extension Students (exclusive of duplicates)	127	493	620	

	Men	Women	Total	Total
High School				
Twelfth Year	24	29	53	
Eleventh Year	17	29	46	
Tenth Year	22	23	45	
Ninth Year	20	25	45	
Post-Graduates	6	0	6	
Total in High School	89	106	195	

	Men	Women	Total	Total
Total above Eighth Grade	1,192	990	2,182	
Elementary Training School	113	133	246	
Total for the Regular Year	1,305	1,123	2,428	2,428
Total for the twelve months ending June 4, 1947				3,246
Counted twice (College only)	255	69	324	324
Grand Total of Students and Pupils				2,922

NATIONAL HONORARY FRATERNITIES MEMBERSHIP

GAMMA THETA UPSILON

Charles David Anderson	Sophomore	Charleston
Robert Lee Ankenbrandt	Junior	Mt. Carmel
Charles Royal Barth	Junior	Cisne
Elizabeth Ruth Baughman	Junior	Edwardsville
Joseph Duane Beck	Senior	Beecher City
Roy Edward Boley	Junior	Olney
Henry Lewis Buzzard	Post Graduate	Charleston
Gerald Monroe Chestnut	Senior	Taylorville
Robert Warner Decker	Junior	Flora
Ralph Marshall Irvin	Senior	Edwardsville
Elva Dean Jenkins	Junior	Newton
Wendell Albert Lathrop	Senior	Sumner
Robert Henry McKnight	Junior	Oblong
Alpha Dominico Perfetti	Junior	Panama
Willis Calvert Rardin	Senior	Charleston
Virginia Dare Seifert Rouse	Senior	Charleston
Ruth Evelyn Shawver	Senior	Charleston
Donald Fred Tingley	Senior	Marshall
Omer Morris Tobias	Sophomore	Newton
Ward Kingery Warner	Junior	Vincennes, Indiana
Robert Kenton Wibking	Sophomore	Charleston
Morris William Wise	Senior	Auburn
Ruth Marie Wiseman	Senior	Charleston

KAPPA PI

Dorothy Maxine Cooley	Junior	Chicago
Peggy Jane Curlin	Sophomore	Tower Hill
Janette Wilma Ellen Doerr	Junior	Albion
Betty Grace Elliott	Senior	Flat Rock
Marian Elizabeth Fitzgibbons	Senior	Bethany
Virginia Mae Lacey	Junior	Charleston
Eugene Farrell Norman	Junior	Charleston
Barbara Lou Rennels	Sophomore	Charleston
Wilma Jean Schahrer	Senior	Olney

EPSILON PI TAU

James Wilbur Bell	Senior	Danville
Harold Eugene Fildes	Senior	Albion
Cloyce Lynn Hunt	Senior	Newton
Marvin Ervin Johnson	Senior	Albion
Herschel Allen Jones	Post Graduate	Newton
Bernard Jean Lance	Junior	Mt. Carmel
Harold Alva Miller	Junior	Newman
Oa Jett Poynter	Senior	Dieterich
Herbert Edward Walsh	Senior	Mattoon
Dean Morris Warner	Junior	Sigel
Ralph Robert White	Junior	Rose Hill
Stanley Eugene Young	Senior	Tavares, Florida

PI KAPPA DELTA

William Robert Bane	Sophomore	Newman
Marianne Bower	Junior	Bushton
Betty Grace Elliott	Senior	Flat Rock
Jahala Joan Foote	Freshman	Charleston
Claude Stanley Hayes	Senior	Arcola
Betty Jean McDaniel	Junior	Mt. Carmel
Donald Edward McKinney	Senior	Calhoun
Marguerite Rhodes	Sophomore	Chicago
Thomas Harlan Rothchild	Junior	LaGrange
Ellen Louise Schneider	Sophomore	Charleston
Walter Joseph Stein	Freshman	East St. Louis
Marjorie Pearl Tefft	Junior	Charleston
Mae Beth Vail	Senior	Casey
Ralph William Widener, Jr.	Junior	Mattoon

PI OMEGA PI

June Eloise Bubeck	Junior	West Union
Dorothy Ruth Cherry	Junior	Charleston
Imogene Edna Engel	Junior	Strasburg
Norma Jean Garrett	Senior	Windsor
Marie Lucille Gressel	Sophomore	Greenup
Lillian Gertrude Leigh	Senior	Ramsey
Myra Jean Richards	Junior	Charleston
John Lincoln Roberts	Junior	Charleston
Eileen Pauline Schutte	Senior	Sigel
Donald Leroy Shawver	Senior	Charleston
Edward Emmerson Sluder	Senior	Carmi
Norma Jean Snyder	Sophomore	Charleston
Mary Eloise Dickerson Sparks	Senior	West Union
Mary Alice Stewart	Senior	Waggoner
Ralph David Wilson	Senior	Mattoon
William Leonal Winnett	Senior	Greenup
Thomas Stonewall Young	Senior	Gays

KAPPA DELTA PI

Mary Elizabeth Adams	Senior	Robinson
Charles Basel Arzena, Jr.	Junior	Witt
Elizabeth Ruth Baughman	Junior	Edwardsville
Marianne Bower	Junior	Bushton
June Eloise Bubeck	Junior	West Union
Ardis Harriott Baily Cacherat	Senior	Charleston
John Loyd Carson	Senior	Brownstown
Mary Louise Colyer	Junior	Albion
Dorothy Ann Corzine	Junior	Chicago
Norma Jean Garrett	Senior	Windsor
Wilma Irene Guthrie	Junior	Sidell
James Leroy Hanks	Senior	Crossville
Claude Stanley Hayes	Senior	Arcola
Marvin Ervin Johnson	Senior	Albion
Ida Mae Kibler	Senior	Wheeler
Norma June Lathrop	Junior	Sumner
Beryl Brooks LeCount	Senior	Georgetown
Lillian Gertrude Leigh	Senior	Ramsey
Shirley Jean Middlesworth	Junior	Charleston
Marian Pearce Mills	Junior	Palestine
Russell Marion Pierson	Senior	Flat Rock
Wilma Jean Schahrer	Senior	Olney
Eileen Pauline Schutte	Senior	Sigel
Donald Leroy Shawver	Senior	Charleston
Robert Lynn Sheets	Senior	Vandalia
Carolyn Jean Shores	Senior	Mattoon
Arthur Edward Vallicelli	Senior	Mishawaka, Indiana
Ruth Marie Wiseman	Senior	Charleston

THETA ALPHA PI

Virginia Elizabeth Burmeister	Sophomore	Danville
Naida Rae Bush	Senior	Loogootee
Ruth Lenore Davis	Junior	West Union
John Milton Evey	Freshman	Crystal Lake
Claude Stanley Hayes	Senior	Arcola
Hal Robert Hubbard	Sophomore	Newton
Donald Wayne Hutton	Sophomore	Sullivan
Mavis Alta Matson	Senior	Beecher City
Betty Jean McDaniel	Junior	Mt. Carmel
Donald Earl Musselman	Sophomore	LaGrange
John Eugene Paul	Senior	Charleston
Eugene Leon Price	Senior	Mattoon
John Lincoln Roberts	Junior	Charleston
Marjorie Pearl Tefft	Junior	Charleston
Wallace Mellor Wilson	Senior	Charleston
Bertha Marie Wright	Senior	Mt. Olive

SIGMA TAU DELTA

Sarah Nelle Berninger	Sophomore	Mattoon
Wilma Irene Guthrie	Junior	Sidell
Claude Stanley Hayes	Senior	Arcola
Hal Robert Hubbard	Sophomore	Newton
Norma June Lathrop	Junior	Sumner
Vera Mildred Mayer	Sophomore	St. Francisville
Shirley Jean Middlesworth	Junior	Charleston
Leonard LaVerne Pourchot	Junior	Charleston
Eugene Leon Price	Senior	Mattoon
Eleanor Stroud Rochat	Senior	Dieterich
Carolyn Jean Shores	Senior	Mattoon
Ruth Marie Wiseman	Senior	Charleston

KAPPA MU EPSILON

Henry Lewis Buzzard	Post Graduate	Charleston
William Lee Carter	Sophomore	Flora
John Earl Conley	Junior	Charleston
Albert Henry Eckert	Junior	Charleston
Dale Edward Francis	Sophomore	Paris
Dennis Lovell Gephart	Senior	Dieterich
Lillian Elaine Hansen	Post Graduate	Kearney, Nebraska
Austin Elwood Idleman	Sophomore	Hindsboro
Robert Martin Inyart	Sophomore	Charleston
Lyle Lester Knott	Senior	Charleston
Norma June Lathrop	Junior	Sumner
Beryl Brooks LeCount	Senior	Georgetown
Robert Bertis McCarty	Junior	Paris
Dean Ervin McMillan	Freshman	Charleston
Raymond Earl Metter	Sophomore	Charleston
Marian Pearce Mills	Junior	Palestine
William Wayne Monier	Sophomore	Charleston
Wayne Dean Norviel	Sophomore	Lerna
Edward Gerald Rennels	Senior	Charleston
Florence Alma Rice	Post Graduate	Charleston
Robert Clinton Waddell	Senior	Charleston
Bernard Leroy Waren	Junior	Hume
Ward Kingery Warner	Junior	Vincennes, Indiana
Wendell Dale Williams	Senior	Mode
Edward Dean Wilson	Senior	Mattoon

DEGREE GRADUATES

1946

NAME	POSTOFFICE
Allen, Mildred Marcella	Shelbyville
Baird, Philip Gail	Sumner
Barnes, Edith Levitt	Charleston
Boley, Betty Jane	Olney
Brannah, Eleanor Joan	Charleston
Brown, John Thomas	Villa Grove
Brown, Maxine Mildred	Mattoon
Cameron, Jessie Rosella	St. Elmo
Clawson, Herbert Austin	Danvers
Coleman, Clarence Mills	Willow Hill
Coon, Mary Joan	Brocton
Cruise, Anna Mae	Beecher City
Day, Benjamin Frank	Charleston
Day, Luella	Charleston
Deverick, Lawrence Martin	Charleston
Deverick, Ruth Shawver	Charleston
Diel, Gladys Juanita	Noble
Eacott, George Albert	Charleston
Estell, Clarice Mary	Mattoon
Fisher, Charlotte Greene	Charleston
Fox, Paula Jeanne	Palestine
Fredenberger, Sarah Emerine	Marshall
Frommel, Richard Pierce	Charleston
Funkhouser, Evelyn	Lerna
Giffin, James Francis	Casey
Glenn, Jr., William Joseph	Fairfield
Grace, Byron Frantz	Keensburg
Gray, Lennie	Brocton
Gresham, Betty Allen	Salem
Grote, Helen Elizabeth	Oconee
Harrington, Helen Theresa	Arcola
Hawkins, James Preston	Charleston
Hoult, Irma Alice	Chrisman
Huelskoetter, Viola Esther	Altamont
Jenkins, David Pierce	Highland Park
Keenen, Allen Wesley	Charleston
Leathers, Betty Jane	Oblong
Marvin, James Lowell	Oblong
Mason, Martha Moore	Charleston
McIntosh, Shirley Jean	Charleston
Monts, Elizabeth Ann	Charleston
Newell, Thomas Mac	Charleston
Pulliam, Harvey Wilford	Newton
Refine, Melvina Jo	Springfield
Reiling, Rolla	Grayville
Reiss, Theresa Mathilda	Ramsey
Roberts, James Hayden	Charleston
Schriner, Dale Dudley	Ashmore
Searby, Mary Jo	Browns
Seeley, Ola Beatrice	Shumway
Sheets, Alice Louisa	Metcalf
Shook, Marjorie Grace	Newton
Simmonds, Charlotte June	Danville
Smith, James Watson	Brazil, Ind.
Smith, Virginia Combs	Farina
Stansfield, Harriet Lucille	Lawrenceville
Stelzer, Harriet Nadean Woods	Mt. Carmel
Sullivan, Andrew James	Charleston
Swinford, Wanda June	Windsor
Taylor, Lee Horsley	Garrett
Toole, Mary Margaret	Mattoon
VanMeter, Elizabeth Ann	Greenville
Warren, Mary Jean	Newton
Weaver, Charles Earl	Charleston
Weaver, Lena Ida	Charleston
Werner, Harold Cecil	Pana
Wiley, James Philip	Mattoon
Wright, Henry Edward	Charleston

Men	27
Women	41
Total	68

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RATING

EASTERN ILLINOIS STATE TEACHERS COLLEGE IS FULLY ACCREDITED

(1) as a Teachers College in the American Association of Teachers Colleges

(2) as a College in the North Central Association of Colleges and Secondary Schools

(3) Institutional member, American Council on Education.

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